

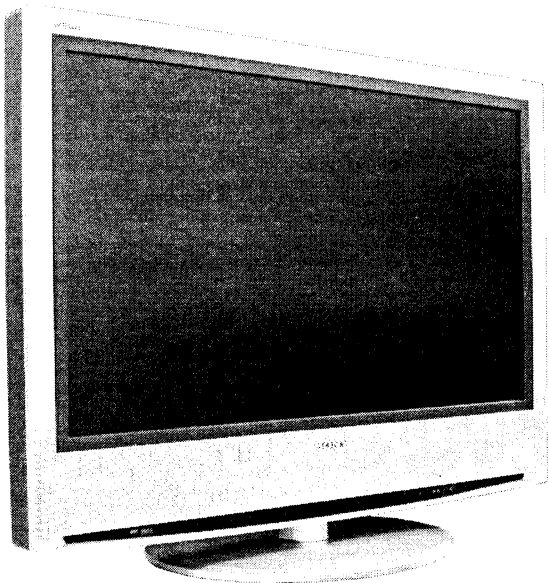
# SERVICE MANUAL

# WAX CHASSIS

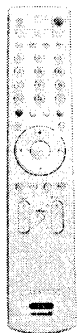
MODEL	COMMANDER	DEST	MODEL	COMMANDER	DEST
KLVS40A10E	RM-EA002	AEP	KDL-S40A12U	RM-ED002	UK
KDL-S40A11E	RM-ED002	AEP			



RM-EA002



KLVS40A10E / KDL-S40A11E / KDL-S40A12U



RM-ED002

FLAT PANEL COLOR TV  
**SONY®**

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### WARNING !!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE WORK TO AVOID POSSIBLE SHOCK HAZARD DUE TO LIVE CHASSIS, THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE POWER LINE.

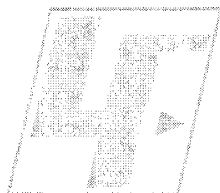
### SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARKED  $\Delta$  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

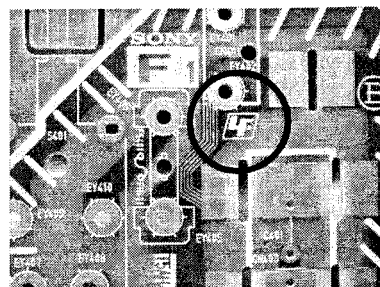
## CAUTION

### Lead Free Soldered Boards

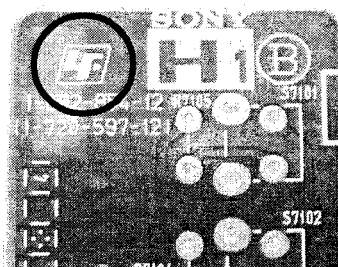
The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. F1, H1 etc [ see examples ]. The servicing of these boards requires special precautions to be taken as outlined below.



example 1



example 2



It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints. Lead Free Solder is available under the following part numbers :

Partnumber	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to <http://www.sony-training.com>


ITEM MODEL	Television System	Stereo System	Channel Coverage	Color System
E	B/G/H, D/K, I, L, DVB-T	GERMAN/NICAM Stereo	VHF : E02-E12 UHF : E21-E69 CATV : S01-S20 HYPER : S21-S41 D/K : R1-R12, R21-R69 L : F2-F10, B-Q, F21-F69 I : UHF B21-B69	PAL, SECAM NTSC 3.58/4.43 (VIDEO ONLY) MPEG-2 MP@ML
U	I, DVB-T	NICAM Stereo	UHF : B21-B69	PAL, SECAM NTSC 3.58/4.43 (VIDEO ONLY) MPEG-2 MP@ML

Projected Picture Size		LCD(Liquid Crystal Display) Panel Approx 101.5cm (40 inches).		Sound Output	
				Right and Left speaker	2 x 10W (RMS)
Input/Output Terminals [REAR]				General Specifications	
1: 21-pin Euro connector (CENELEC standard)		Inputs for Audio and Video signals. Inputs for RGB. Outputs of TV Video and Audio signals.		Power Requirements	220 - 240V
				Power Consumption/ Standby	Approx 226W/0.8W (KLV-S40A10E) Approx 232W/0.8W (KDL-S40A11E) Approx 232W/0.8W (KDL-S40A12U)
2: 21-pin Euro connector (CENELEC standard)		Inputs for Audio and Video signals. Inputs for RGB. Outputs of Video and Audio signals (selectable). SmartLink interface.		Dimensions	Approx 999 x 740 x 370mm (with stand) Approx 999 x 693 x 103mm (without stand)
				Weight	Approx 33.0kg (with stand) Approx 26.5kg (without stand)
Phono Jacks		Output Connectors variable for Audio Signals.		Supplied Accessories	RM-EA002 Remote Commander (1) (KLV-S40A10E) RM-ED002 Remote Commander (1) (KDL-S40A11E,KDL-S40A12U) IEC designated R06 battery (2) Mains Lead (1)
HDMI	HDMI In.	Modem Jack (Digital models only). Conditional Access Module (Digital models only).		Other Features	Wide Angle LCD Panel, 3D Comb Filter, SmartLink, Teletext, Light Sensor, PinP freeze, BBE Digital, HDMI input, PC input, AVC.
MODEM					
PCMCIA Socket					
Input/Output Terminals [SIDE]				Remote control system : Infrared control	
Headphone jack	stereo mini jack			Power requirements	3V dc 2 batteries IEC designation R06 (size AA)
Audio input	phono jacks				
Video input	phono jack				
S Video input	4 pin mini DIN				
Design and specifications are subject to change without notice.					



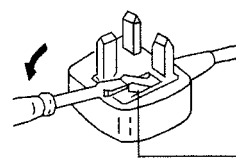
Model Name Item	KLV-S40A10E KDL-S40A11E	KDL-S40A12U
PAP	OFF	OFF
PAT	OFF	OFF
RGB Priority	ON	ON
Sub Woofer	OFF	OFF
Scart 1	ON	ON
Scart 2	ON	ON
Front in (4)	ON	ON
Projector	OFF	OFF
Norm B/G	ON	OFF
Norm I	ON	ON
Norm D/K	ON	OFF
Norm AUS	OFF	OFF
Norm L	ON	OFF
Norm SAT	OFF	OFF
Norm M	OFF	OFF
Teletext	ON	ON
Nicam Stereo	ON	ON

### WARNING (UK Models only)

The flexible mains lead is supplied connected to a **B.S. 1363** fused plug having a fuse of **13 AMP** rating. Should the fuse need to be replaced, use a **13AMP FUSE** approved by ASTA to **BS 1362**, ie one that carries the  mark.

IF THE PLUG SUPPLIED WITH THIS APPLIANCE IS NOT SUITABLE FOR THE OUTLET SOCKETS IN YOUR HOME, IT SHOULD BE CUT OFF AND AN APPROPRIATE PLUG FITTED. THE PLUG SEVERED FROM THE MAINS LEAD MUST BE DESTROYED AS A PLUG WITH BARED WIRES IS DANGEROUS IF ENGAGED IN A LIVE SOCKET.

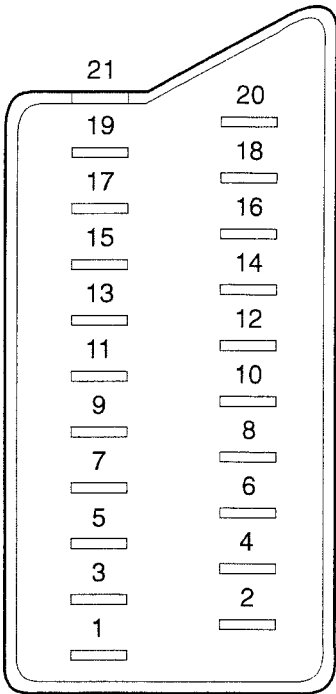
When an alternative type of plug is used, it should be fitted with a **13 AMP FUSE**, otherwise the circuit should be protected by a **13AMP FUSE** at the distribution board.



How to replace the fuse.  
Open the fuse compartment with a screwdriver blade and replace the fuse.

FUSE

21 pin connector

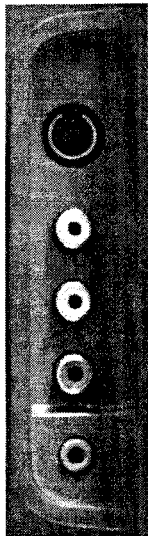
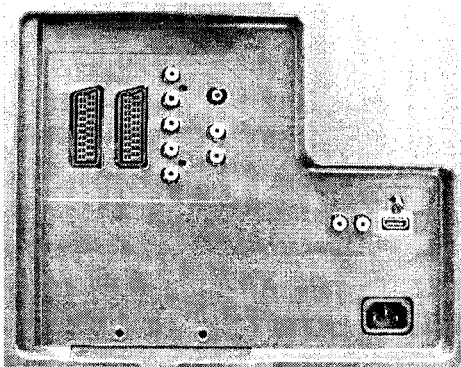
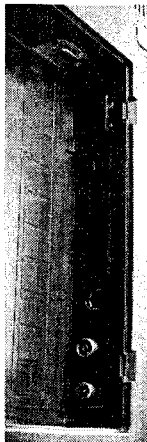


Pin No	1	2	Signal	Signal level
1	○	○	Audio output B (right)	Standard level : 0.5V rms Output impedance : Less than 1kohm*
2	○	○	Audio input B (right)	Standard level : 0.5V rms Output impedance : More than 10kohm*
3	○	○	Audio output A (left)	Standard level : 0.5V rms Output impedance : Less than 1kohm*
4	○	○	Ground (audio)	
5	○	○	Ground (blue)	
6	○	○	Audio input A (left)	Standard level : 0.5V rms Output impedance : More than 10kohm*
7	○	○	Blue input	0.7 +/- 3dB, 75 ohms positive
8	○	○	Function select (AV control)	High state (9.5-12V) : Part mode Low state (0-2V) : TV mode Input impedance : More than 10K ohms Input capacitance : Less than 2nF
9	○	○	Ground (green)	
10	●	○	AVlink	
11	○	○	Green	Green signal : 0.7 +/- 3dB, 75 ohms, positive
12	●	●	Open	
13	○	○	Ground (red)	
14	○	○	Ground (blanking)	
15	○	○	Red input	0.7 +/- 3dB, 75 ohms, positive
	-	-	(S signal Chroma input)	0.3 +/- 3dB, 75 ohms, positive
16	○	○	Blanking input (Ys signal)	High state (1-3V) Low state (0-0.4V) Input impedance : 75 ohms
17	○	○	Ground (video output)	
18	○	○	Ground (video input)	
19	○	○	Video output	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
20	○	○	Video input	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
	-	-	Video input Y (S signal)	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
21	○	○	Common ground (plug, shield)	

○ Connected      ● Not Connected (open)      \* at 20Hz - 20kHz

Rear Connection Panel

Side Connection Panel



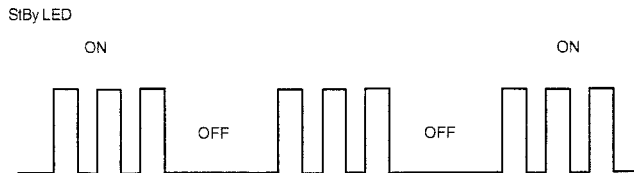
S-Video socket

S Video socket pin configuration		
Pin No	Signal	Signal Level
1	Ground	-
2	Ground	-
3	Y (S signal) input	1V +/- 3dB 75ohm, positive Sync. 0.3V -3 +10dB
4	C (S signal) input	0.3V +/- 3dB 75ohm, positive Sync.

## WAX SELF DIAGNOSTIC SOFTWARE

The identification of errors within the WAX chassis is triggered in one of two ways :- 1: Busy or 2: Device failure to respond to IIC. In the event of one of these situations arising the software will first try to release the bus if busy (Failure to do so will report with a continuous flashing LED) and then communicate with each device in turn to establish if a device is faulty. If a device is found to be faulty the relevant device number will be displayed through the LED (Series of flashes which must be counted).

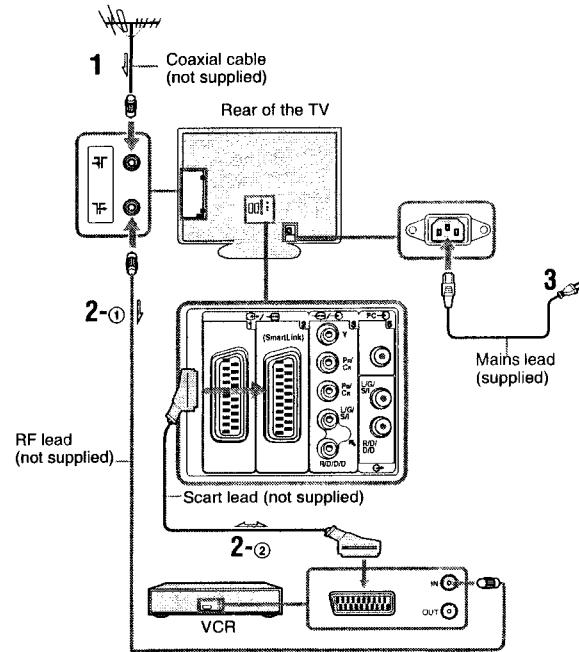
### Flash Timing Example : e.g. error number 3



### LED Error Code

LED ERROR CODE	ERROR DESCRIPTION
02	Power Supply (PA) Protection Error
03	Power Supply (PB) Protection Error
04	Panel Error
05	DC Alert Protection Error
06	Speaker Protection Error
07	AC Det / OVP / Fan Error
08	Digital Error
09	Tuner Error
10	Sound Processor Error
11	Video Processor (SVP-EX) Error
12	Chroma Decoder (CXA2163) Error
13	AV Switch (CXA2069) Error
14	RTC IC Error
15	Temperature Sensor (LM75) Error
16	Port Expander 1 Error
17	Port Expander 2 Error
18	Port Expander 3 Error
19	NVM Error
20	IIC Error

### 3: Connecting an aerial/VCR



- 1 Connect your aerial to the ㄚ socket on the rear of the TV.
- 2 Connect your VCR.

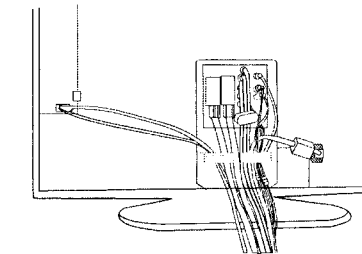
If connecting to an aerial only  
Go to step 3.

- ① Connect the ㄚ socket on the rear of the TV to the input socket on your VCR with the RF lead.
- ② Connect the scart socket on your VCR to the ㄚ2 scart socket on the rear of the TV with a scart lead.

- 3 Connect the supplied mains lead to the AC IN socket on the rear of the TV.

#### Note

Do not connect the mains lead to your mains socket until all connections are complete.

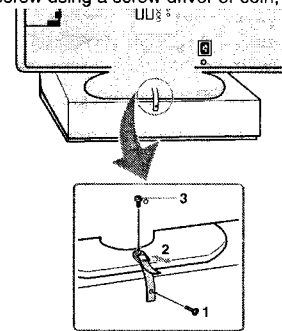


- 4 Bundle the cable.

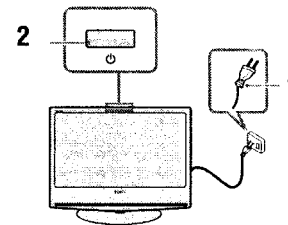
### 4: Preventing the TV from toppling over

After all connections are completed, secure the TV.

- 1 Fasten the supplied support belt to the stand with a screw.
- 2 While supporting the TV, tighten the supplied support belt to adjust the length.
- 3 Fit the supplied support belt to the TV stand, then firmly fasten with the supplied screw using a screw driver or coin, etc.



### 5: Switching on the TV



- 1 Connect the TV to your mains socket (220-240V AC, 50Hz).

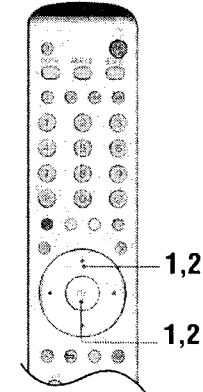
- 2 Press ㄱ on the TV (top side).

When you switch on the TV for the first time, the Language menu appears on the screen, then go to "6: Selecting the language and country/region" on page 12.

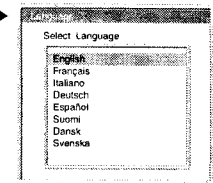
When the TV is in standby mode (the ㄱ (standby) indicator on the front of the TV is red), press TV ㄱ/ㄱ on the remote to switch on the TV.

### 6: Selecting the language and country/region

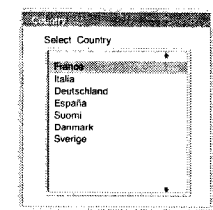
When you switch on the TV for the first time, the Language menu appears on the screen.



- 1 Press ㄱ/ㄱ/ㄱ/ㄱ to select the language displayed on the menu screens, then press OK.

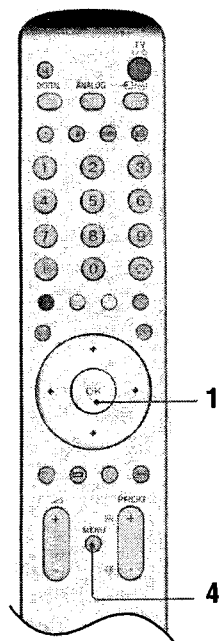


- 2 Press ㄱ/ㄱ to select the country/region in which you will operate the TV, then press OK.
- The message confirming the TV start auto-tuning appears on the screen.

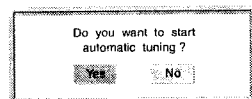


## 7: Auto-tuning the TV

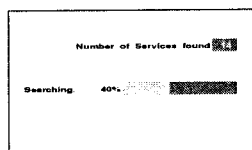
After selecting the language and country/region, a message confirming the TV start auto-tuning appears on the screen. You must tune the TV to receive channels (TV broadcasts). Do the following to search and store all available channels.



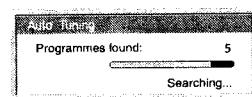
- 1 Press OK to select "Yes".



Digital auto-tune display



Analogue auto-tune display



The TV starts searching for all available digital channels followed by all available analogue channels. This may take some time, please be patient and do not press any buttons on the TV or remote.

Once all available digital and analogue channels have been stored, the TV returns to normal operation, displaying the digital channel stored on channel number 1. If no digital channels are found, the analogue channel stored on channel 1 is displayed.

### When a message appears for you to confirm the aerial connections

No digital or analogue channels are found. Check all the aerial connections and press OK twice to start auto-tuning again.

- 2 The Programme Sorting menu appears on the screen.

### Note

If some digital channel is found, this step will not appear

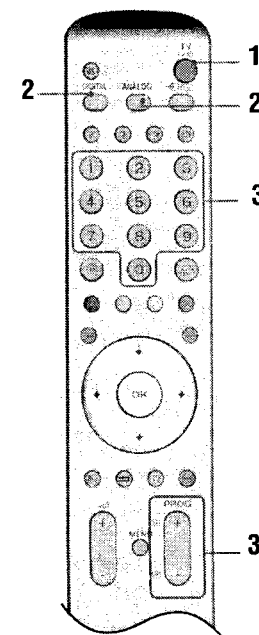
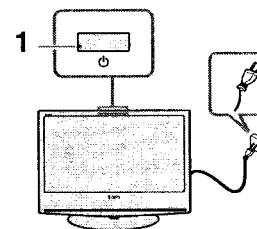
- 3 To change the order in which the channels are stored on the TV. See page 30.

- 4 Press MENU to exit.

The TV has now tuned in all the available channels.

## Watching TV

## Watching TV



- 1 Press on the TV (Top side) to switch on the TV.

When the TV is in standby mode (the (standby) indicator on the front of the TV is red), press TV on the remote to switch on the TV.

- 2 Press DIGITAL to switch to digital mode or ANALOG to switch to analogue mode.

The channels available vary depending on the mode.

- 3 Press the number buttons or PROG +/- to select a TV channel.

To select channel numbers 10 and above using the number buttons, enter the second and third digits within two seconds.

To select a digital channel using the Digital Electronic Programme Guide (EPG), see page 16.

### In digital mode

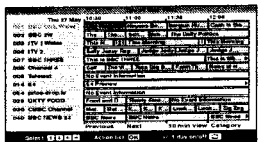
An information banner appears briefly. The following icons may be indicated on the banner.

- : Radio service
- : Scrambled/Subscription service
- : Multiple audio languages available
- : Subtitles available
- : Subtitles available for the hearing impaired
- : Recommended minimum age for current programme (from 4 to 18 years)
- : Parental Lock
- : Current programme is being recorded

## Additional operations

To	Do this
Turn off the TV temporarily (Standby mode)	Press TV .
Turn on the TV from Standby mode without sound	Press . Press  +/- to set the volume level
Turn off the TV completely	Press  on the top side of the TV.
Adjust the volume	Press  + (increase) /- (decrease).
Mute the sound	Press . Press again to restore.
Switch to digital mode	Press DIGITAL.
Hide interactive prompts from the screen (in digital mode only)	
Switch to analogue mode	Press ANALOG.

## Checking the Digital Electronic Programme Guide (EPG) DV3



Digital Electronic Programme Guide (EPG)

- 1 In digital mode, press **OK** to display the Digital Electronic Programme Guide (EPG).
- 2 Perform the desired operation in following table.

To	Do this
Turn off the EPG	Press <b>OK</b> .
Move through the EPG	Press <b>↓/↑/←/→</b> .
Display the previous or next six channels	Press the red (previous) or green (next) button.
Watch a current programme	Press OK while the current programme is selected.
Sort the programme information by category – Category list	<ol style="list-style-type: none"> <li>1 Press the blue button.</li> <li>2 Press <b>↓/↑/←/→</b> to select a category. The category name is displayed on the side. The categories available include:  <b>Favourite</b>            Contains all the channels that have been stored in the Favourite list (page 18).  <b>All categories</b>            Contains all available channels.  <b>News</b>            Contains all news channels.</li> <li>3 Press OK.            The Digital Electronic Programme Guide (EPG) now only displays the current programmes from the category selected.</li> </ol>
Set a programme to be recorded – Timer REC	<ol style="list-style-type: none"> <li>1 Press <b>↓/↑/←/→</b> to select the future programme you want to record.</li> <li>2 Press OK.</li> <li>3 Press <b>↓/↑</b> to select "Timer REC".</li> <li>4 Press OK to set the TV and your VCR timers.            A <b>REC</b> symbol appears by that programme's information.</li> </ol> <p><b>Notes</b></p> <ul style="list-style-type: none"> <li>You can set VCR timer recording on the TV only for Smartlink compatible VCRs. If your VCR is not Smartlink compatible, a message will be displayed to remind you to set your VCR timer.</li> <li>Once a recording has begun, you can switch the TV to standby mode, but do not switch off the TV completely or the recording may be cancelled.</li> </ul>

## Viewing pictures from connected equipment

Switch on the connected equipment, then perform one of the following operation.

**For equipment connected to the scart sockets using a fully-wired 21-pin scart lead**

Start playback on the connected equipment. The picture from the connected equipment appears on the screen.

**For an auto-tuned VCR (page 11)**

Press PROG +/-, or the number buttons, to select the video channel. You can also press **←/→** repeatedly until the correct input symbol (see below) appears on the screen.

**For other connected equipment**

Press **←/→** repeatedly until the correct input symbol (see below) appears on the screen or press OK to access the Input signal index table. Press **→** to select an input source, press **↓/↑**, then press OK.

**←/→1/←/→2:**

Audio/video or RGB input signal through the scart socket **←/→1** or **2**. **←/→2** appears only if an RGB source has been connected.

**←/→3:**

Component input signal through the Y, Pb/Cb, Pr/Cr sockets **←/→3**, and audio input signal through the L/G/S/I, R/D/D/D sockets **←/→3**.

**←/→4/S←/→4:**

Video input signal through the video socket **←/→4**, and audio input signal through the audio socket L/G/S/I (MONO), R/D/D/D sockets **←/→4**. **S←/→4** appears only if the equipment is connected to the S video socket **S←/→4** instead of the video socket **←/→4**, and S video input signal is input through the S video socket **S←/→4**.

**←/→5:**

RGB input signal through the PC connectors **←/→5**, and audio input signal through the socket **←/→5**.

**←/→6:** (KDL-S40A11E, KDL-S32A11E, KDL-S26A11E only)

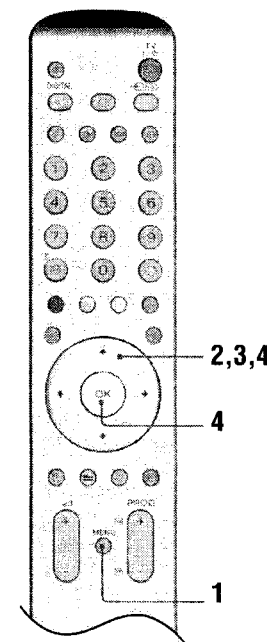
Digital audio/video signal is input through the HDMI IN 6 socket. Audio input signal is analogue only if the equipment has been connected using the DVI and audio out socket.

### Additional operations

To	Do this
Return to the normal TV operation	Press DIGITAL or ANALOG.
Access the Input signal index table	Press OK. Press <b>→</b> to select an input source, press <b>↓/↑</b> , then press OK.

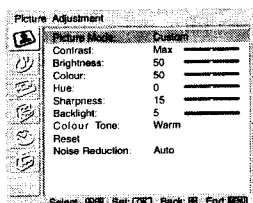
## Using the Menu

### Navigating through menus



- 1 Press MENU to display the menu.
- 2 Press **↑/↓** to select a menu icon, press **→**.
- 3 Press **↑/↓/←/→** to select an option.
- 4 Press **↑/↓/←/→** to change/set the setting, then press OK.  
 To exit the menu, press MENU.  
 To return to the last display, press **←**.

## Picture Adjustment menu



You can select the options listed below on the Picture Adjustment menu. To select options, see "Navigating through menus" (page 19).

### Tip

When you set the "Picture Mode" option to "Vivid" or "Standard," you can adjust only "Contrast," and "Reset."

### Picture Mode

Selects the picture mode.

- 1 Press OK to select "Picture Mode".
- 2 Press  $\downarrow/\uparrow$  to select one of the following picture modes, then press OK.
  - Vivid: For big lighted spaces.
  - Standard: Optimal picture for home use.
  - Custom: Allows you to store your own preferred settings.

### Tip

You can change the picture mode by pressing  $\star$  repeatedly.

### Contrast/Brightness/Colour/Hue/Sharpness/Backlight

- 1 Press OK to select the option.
- 2 Press  $\leftarrow/\rightarrow$  to set the level, then press OK.

### Tip

"Hue" can only be adjusted for an NTSC colour signal (e.g., U.S.A. video tapes). "Brightness", "Colour", "Hue", "Sharpness" and "Backlight" only appear and can be adjusted if "Picture Mode" is set to "Custom".

### Colour Tone

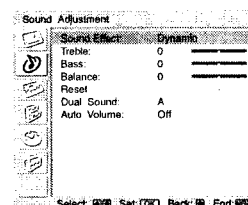
- 1 Press OK to select "Colour Tone".
- 2 Press  $\downarrow/\uparrow$  to select one of the following, then press OK.

- Cool: Gives the white colours a blue tint.
- Neutral: Gives the white colours a neutral tint.
- Warm: Gives the white colours a red tint.

### Tip

"Warm" only appears and can be adjusted if "Picture Mode" is set to "Custom".

## Sound Adjustment menu



You can select the options listed below on the Sound Adjustment menu. To select options, see "Navigating through menus" (page 19).

### Sound Effect

- 1 Press OK to select "Sound Effect".
- 2 Press  $\downarrow/\uparrow$  to select one of the following sound effects, then press OK.
  - Natural: Enhances clarity, detail, and sound presence by using "BBE High definition Sound System"<sup>1</sup>.
  - Dynamic: Intensifies clarity and sound presence for better intelligibility and musical realism by using the "BBE High definition Sound System."
  - Dolby Virtual<sup>2</sup>: Uses the TV speakers to simulate the surround effect produced by a multi channel system.
  - Off: Flat response.

### Tips

- You can change sound effect by pressing  $\downarrow$  repeatedly.
- If you set "Auto Volume" to "On", "Sound Effect" changes to "Natural".

<sup>1</sup> Licensed by BBE Sound, Inc. under USP4638258, 4482866. "BBE" and BBE symbol are trademarks of BBE Sound, Inc.

<sup>2</sup> Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol  $\text{DD}$  are trademarks of Dolby Laboratories.

### Treble/Bass/Balance

Adjusts higher-pitched sounds (Treble), adjusts lower-pitched sounds (Bass), and emphasizes left or right speaker balance (Balance).

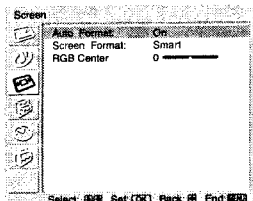
- 1 Press OK to select the option.
- 2 Press  $\leftarrow/\rightarrow$  to set the level, then press OK.

### Reset

Resets the "Treble," "Bass" and "Balance" settings to the factory settings.

- 1 Press OK to select "Reset".
- 2 Press  $\downarrow/\uparrow$  to select "OK," then press OK.

## Screen menu



You can select the options listed below on the Screen Control menu. To select options, see "Navigating through menus" (page 19).

### Auto Format

Automatically changes the screen format according to the broadcast signal.

- 1 Press OK to select "Auto Format".
- 2 Press  $\downarrow/\uparrow$  to select "On," then press OK.

#### Tips

- Even if you have selected "On" or "Off" in "Auto Format", you can always modify the format of the screen by pressing  $\uparrow/\downarrow$  repeatedly.
- "Auto Format" is available for PAL and SECAM signals only.

### Screen Format

For details about the screen format, see page 15.

- 1 Press OK to select "Screen Format".
- 2 Press  $\downarrow/\uparrow$  to select "Wide," "Smart," "4:3," "14:9" or "Zoom" (see page 15 for details), then press OK.

### RGB Center

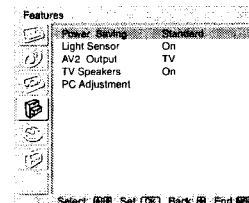
Adjusts the horizontal picture position so that the picture is in the middle of the screen.

- 1 Press OK to select "RGB Center".
- 2 Press  $\leftarrow/\rightarrow$  to adjust the centre of the picture between -5 and +5, then press OK.

#### Tip

This option is only available if an RGB source has been connected to the Scarts connectors  $\text{G} \rightarrow 1/\text{S} \rightarrow 1$  or  $\text{G} \rightarrow 2/\text{S} \rightarrow 2$  on the rear of the TV.

## Features menu



You can select the options listed below on the Features menu. To select options, see "Navigating through menus" (page 19).

### Power Saving

- 1 Press OK to select "Power Saving".
- 2 Press  $\downarrow/\uparrow$  to select one of the following, then press OK.
  - Standard: Default settings.
  - Reduce: Reduces the power consumption of the TV.
  - Picture Off: Switches off the picture. You can listen to the sound with the picture off.

### Light Sensor

Automatically optimizes the picture settings according to the ambient light in the room.

- 1 Press OK to select "Light Sensor".
- 2 Press  $\downarrow/\uparrow$  to select "On" then press OK.

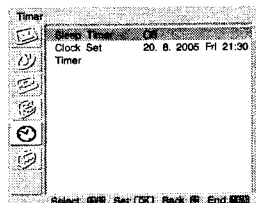
### AV2 Output

Sets a signal to be output through the socket labelled  $\text{G} \rightarrow 1/\text{S} \rightarrow 1$  on the rear of the TV. If you connect a VCR to the  $\text{G} \rightarrow 1/\text{S} \rightarrow 1$  socket, you can then record from the equipment connected to other sockets of the TV.

- 1 Press OK to select "AV2 Output".
- 2 Press  $\downarrow/\uparrow$  to select one of the following, then press OK.
  - D-TV: Outputs a digital broadcast.
  - A-TV: Outputs an analogue broadcast.
  - AV1: Outputs signals from equipment connected to the  $\text{G} \rightarrow 1/\text{S} \rightarrow 1$  socket.
  - AV4: Outputs signals from equipment connected to the  $\text{G} \rightarrow 4/\text{S} \rightarrow 4$  socket.
  - Auto: Outputs whatever is being viewed on the screen.



## Timer menu



You can select the options listed below on the Timer menu. To select options, see "Navigating through menus" (page 19).

### Sleep Timer

Sets a period of time after which the TV automatically switches itself into the standby mode.

- 1 Press OK to select "Sleep Timer".
- 2 Press  $\downarrow/\uparrow$  to select the desired time period ("30min"/"60min"/"90min"/"120min"), then press OK.

The  $\odot$  indicator on the TV (front) lights up in amber.

#### Tips

- If you switch off the TV and switch it on again, "Sleep Timer" is reset to "Off."
- "Sleep timer will end soon. Power will be turned off." appears on the screen one minute before the TV switches to the standby mode.
- If you press  $\text{B}/\text{Z}$ , the remaining time in minutes before the TV switches to the standby mode is displayed on the screen.

### Clock Set

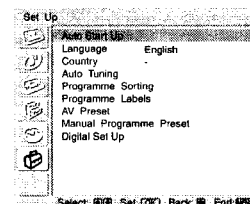
- 1 Press OK to select "Clock set".
- 2 Press  $\downarrow/\uparrow$  to select the day, then press  $\rightarrow$ .
- 3 Set the month, year, and hour in the same way as in step 2.
- 4 Press  $\downarrow/\uparrow$  to select the minute, then press OK.  $\leftarrow/\rightarrow$   
The clock starts.

### Timer

Sets a predefined period of time after which the TV automatically switches on/off.

- 1 Press OK to select "Timer".
- 2 Press  $\downarrow/\uparrow$  to select "Set", then press OK.
- 3 Press  $\rightarrow$  to select the desired period ("One Day", "Daily", "Mon-Fri" or "Weekly"), then press OK.
- 4 Press  $\downarrow/\uparrow$  to select "On Time" or "Off Time", then press OK.
- 5 Press  $\downarrow/\uparrow$  to active. Press  $\rightarrow$ , then press  $\downarrow/\uparrow/\leftarrow/\rightarrow$  to set time you wish to switch on/off the TV. Press OK to confirm.

## Set Up menu



You can select the options listed below on the Set Up menu. To select options, see "Navigating through menus" (page 19).

### Auto Start Up

Starts the "first time operation menu" to select the language and country/region, and tune in all available digital and analogue channels. Usually, you do not need to do this operation because the language and country/region will have been selected and channels already tuned when the TV was first installed (page 13). However, this option allows you to repeat the process (e.g., to retune the TV after moving house).

- 1 Press OK to select "Auto Start Up".
- 2 Press OK to select "Yes."  
The Language menu appears on the screen.
- 3 Follow steps of "6: Selecting the language and country/region" (page 12) and "7: Auto-tuning the TV" (page 13).

### Language

Selects the language in which the menus are displayed.

- 1 Press OK to select "Language".
- 2 Press  $\uparrow/\downarrow/\leftarrow/\rightarrow$  to select the language, then press OK.  
All menus will appear in the selected language.

### Country

Selects the country/region where you operate the TV.

- 1 Press OK to select "Country".
- 2 Press  $\uparrow/\downarrow$  to select the country/region in which you will operate the TV, then press OK.

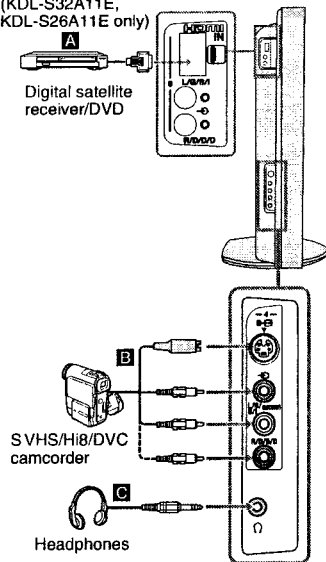
## Using Optional Equipment

# Connecting optional equipment

You can connect a wide range of optional equipment to your TV. Connecting cables are not supplied.

## Connecting to the side of the TV

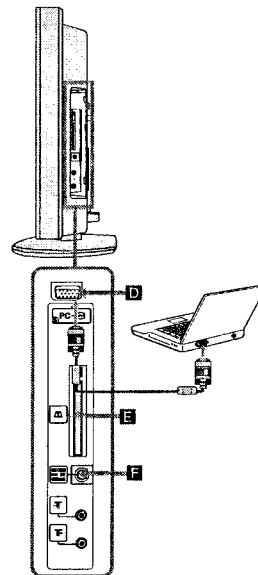
(KDL-S32A11E,  
KDL-S26A11E only)



To connect	Do this
Digital satellite receiver <b>A</b> , <b>L</b>	Connect only to the HDMI IN 5 socket. The digital video and audio signals are input from the digital satellite receiver. If the digital satellite receiver has a DVI socket and not an HDMI socket, connect the DVI socket to the HDMI IN 5 socket, and connect the audio socket to the audio sockets HDMI IN 5. The digital video and analogue audio signals are input from the digital satellite receiver.

S VHS/Hi 8/DVC camcorder <b>B</b>	Connect to the S video socket <b>S-4</b> or the video socket <b>4</b> , and the audio sockets <b>4</b> . To avoid picture noise, do not connect the camcorder to the video socket <b>4</b> and the S video socket <b>S-4</b> at the same time. If you connect mono equipment, connect to the L/G/S/I sockets <b>4</b> , and set "Dual Sound" to "A" (page 24).
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To connect	Do this
Headphones <b>C</b>	Connect to the <b>4</b> socket to listen to sound from the TV on headphones.



To connect	Do this
Personal Computer <b>D</b>	Connect to the PC Input socket <b>5</b> and the audio socket <b>5</b> on the rear of the TV (page 37).

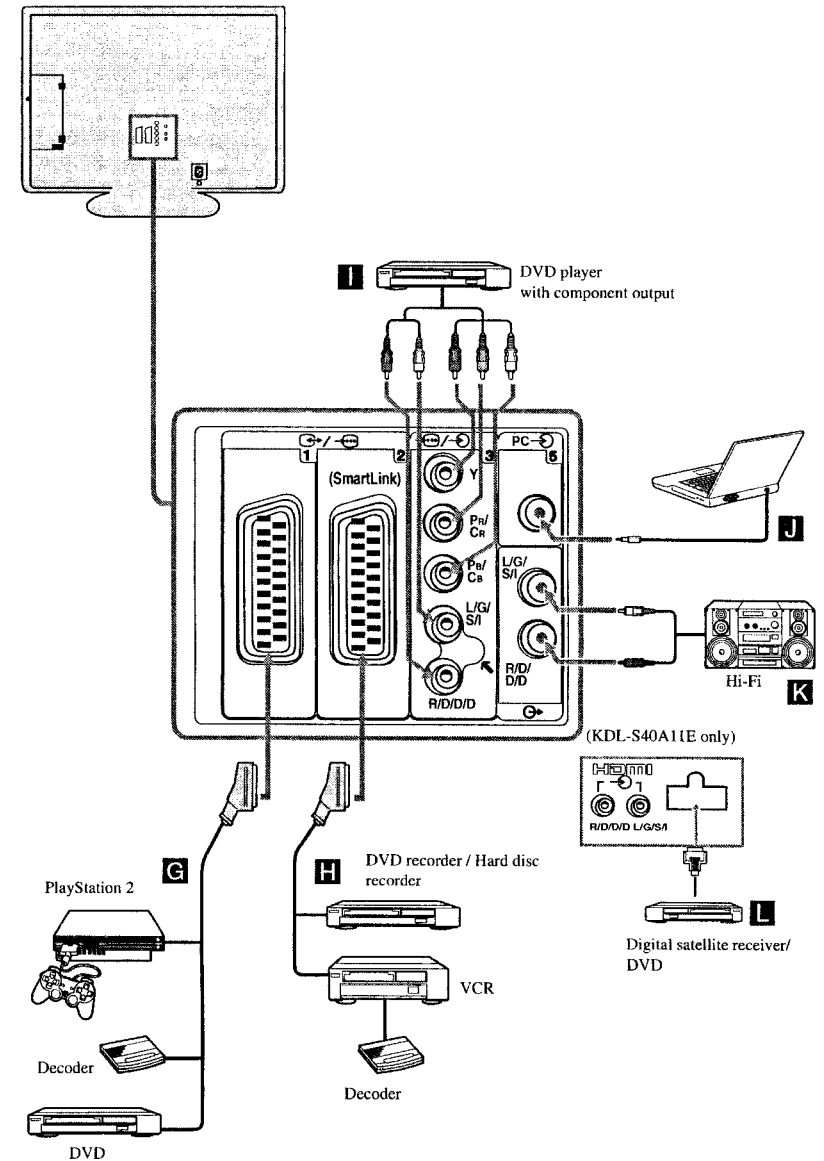
CAM (Conditional Access Module) **E** Remove the dummy card from the CAM slot and insert the CAM. For encrypted PPV (Pay per View) services.

Notes:  
• Switch off the TV before inserting the CAM.  
• Keep always the dummy card into the CAM slot when you remove the CAM.

Modem connector <b>F</b>	For future use only.
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Continued

## Connecting to the rear of the TV



Additional Information

Specifications

Display Unit

Power Requirements:  
220–240 V AC, 50 Hz

Screen Size:

KDL-S40A11E: 40 inches  
KDL-S32A11E: 32 inches  
KDL-S26A11E: 26 inches  
KDL-S23A11E: 23 inches

Display Resolution (horizontal x vertical):

1366 dots x 768 lines

Power Consumption:

KDL-S40A11E: 232 W  
KDL-S32A11E: 127 W  
KDL-S26A11E: 89 W  
KDL-S23A11E: 79 W

Standby Power Consumption:

KDL-S40A11E: 0.8 W  
KDL-S32A11E: 0.5 W  
KDL-S26A11E: 0.5 W  
KDL-S23A11E: 0.5 W

Dimensions (w × h × d):

KDL-S40A11E:  
Approx. 999 x 740 x 370 mm (with stand)  
Approx. 999 x 693 x 103 mm (without stand)

KDL-S32A11E:  
Approx. 792 x 608 x 309 mm (with stand)  
Approx. 792 x 564 x 99 mm (without stand)

KDL-S26A11E:  
Approx. 658 x 517 x 309 mm (with stand)  
Approx. 658 x 474 x 90 mm (without stand)

KDL-S23A11E:  
Approx. 566 x 448 x 218 mm (with stand)  
Approx. 566 x 411 x 89 mm (without stand)

Weight:

KDL-S40A11E:  
Approx. 33 kg (with stand)  
Approx. 26.5 kg (without stand)

KDL-S32A11E:  
Approx. 20 kg (with stand)  
Approx. 16 kg (without stand)

KDL-S26A11E:  
Approx. 16.5 kg (with stand)  
Approx. 12.5 kg (without stand)

KDL-S23A11E:  
Approx. 13 kg (with stand)  
Approx. 9.5 kg (without stand)

Panel System

LCD (Liquid Crystal Display) Panel

TV System

Analogue: Depending on your country/region selection:

B/G/H, D/K, L, I.

Digital: DVB-T.

Colour/Video System

Analogue: PAL, SECAM

NTSC 3.58, 4.43 (only Video In)

Digital: MPEG-2 MP@ML

Aerial














75 ohm external terminal for VHF/UHF

Channel Coverage

Analogue: VHF: E2–E12  
UHF: E21–E69  
CATV: S1–S20  
HYPER: S21–S41  
D/K: R1–R12, R21–R69  
L: F2–F10, B–Q, F21–F69  
I: UHF B21–B69

Digital: VHF/UHF

Terminals

- AV1:  1  
21-pin Scart connector (CENELEC standard) including audio/video input, RGB input, and TV audio/video output.
- AV2:  2 (SMARTLINK)  
21-pin Scart connector (CENELEC standard) including audio/video input, RGB input, selectable audio/video output, and SmartLink interface
- AV3:  3  
Y: 1 Vp-p, 75 ohms, 0.3V negative sync  
Pb: 0.7 Vp-p, 75 ohms  
Pr: 0.7 Vp-p, 75 ohms  
Video: 480i, 576i, 480p, 576p, 720p, 1080i  
 3 Audio input (phono jacks)  
500 mVrms  
Impedance: 47 kilo ohms
- AV4:  4S video input (4-pin mini DIN)  
 4 Video input (phono jack)  
 4 Audio input (phono jacks)
- AV5:  5  
PC Input (15 Dsub) (see page 36)  
G: 0.7 Vp-p, 75 ohms, non Sync on Green  
B: 0.7 Vp-p, 75 ohms, non Sync on Green  
R: 0.7 Vp-p, 75 ohms, non Sync on Green  
HD: 1-5 Vp-p  
VD: 1-5 Vp-p  
 PC audio input: minijack.
-  Audio output (Left/Right) (phono jacks)
- AV6:  6 (KDL-S40A11E, KDL-S32A11E, KDL-S26A11E only)  
HDMI: Video: 480i, 576i, 480p, 576p, 720p, 1080i  
Audio: Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20 and 24 bits.  
AUDIO: 500 mVrms (100% modulation)  
Impedance: 47 kilo ohms
-  Headphones jack
-  CAM (Conditional Access Module) slot
- MODEM  
Modem jack (Not supported on this TV)

Sound Output

KDL-S40A11E: 10 W +10 W (RMS)  
KDL-S32A11E: 10 W +10 W (RMS)  
KDL-S26A11E: 10 W +10 W (RMS)  
KDL-S23A11E: 5 W +5 W (RMS)

Supplied Accessories

- Remote RM-ED002 (1)
- Size AA batteries (R6 type) (2)
- Support belt (1) and screw (2)
- Mains Lead (1)

Optional Accessories

- Wall-Mount Bracket SU-PW2 (KDL-S40A11E)
- Wall-Mount Bracket SU-WL31 (KDL-S32A11E, KDL-S26A11E, KDL-S23A11E)
- TV Stand SU-PF31 (KDL-S40A11E)

Design and specifications are subject to change without notice.

PC Specifications

Signals	Horizontal (Pixel)	Vertical (Line)	Horizontal frequency (kHz)	Vertical frequency (Hz)	Standard
VGA	640	480	31.5KHz	60Hz	VGA
	640	480	37.9KHz	72Hz	VESA
	640	480	37.5KHz	75Hz	VESA
	720	400	31.47KHz	70Hz	VGA-T
SVGA	800	600	35.1KHz	56Hz	VESA Guidelines
	800	600	37.9KHz	60Hz	VESA Guidelines
	800	600	48.1KHz	72Hz	VESA
	800	600	46.9KHz	75Hz	VESA
XGA	1024	768	48.4KHz	60Hz	VESA Guidelines
	1024	768	56.5KHz	70Hz	VESA
	1024	768	60.0KHz	75Hz	VESA
WXGA	1280	768	47.40KHz	60Hz	VESA
	1280	768	47.78KHz	60Hz	VESA

This TV does not support Sync on Green or Composite Sync.



If a signal other than in the above chart is input, it may not be displayed properly or may not be displayed as you set. Using the Vertical frequency (Hz) of the personal computer at 60 is recommended.

## Troubleshooting

Check whether the  (standby) indicator is flashing in red.

### When it is flashing






The self-diagnosis function is activated.




- 1 Measure how long the  (standby) indicator flashes and stops flashing.  
For example, the indicator flashes for two seconds, stops flashing for one second, and flashes for two seconds.
- 2 Press  on the TV (Top side) to switch it off, disconnect the mains lead, and inform your dealer or Sony service centre of how the indicator flashes (duration and interval).

### When it is not flashing



- 1 Check the items in the tables below.
- 2 If the problem still persists, have your TV serviced by qualified service personnel.

### Picture

Problem	Cause/Remedy
No picture (screen is dark) and no sound	<ul style="list-style-type: none"> <li>• Check the aerial connection.</li> <li>• Connect the TV to the mains, and press  on the TV (top side).</li> <li>• If the  (standby) indicator lights up in red, press TV .</li> </ul>
No picture or no menu information from equipment connected to the scart connector	<ul style="list-style-type: none"> <li>• Check that the optional equipment is on and press / repeatedly until the correct input symbol is displayed on the screen.</li> <li>• Check the connection between the optional equipment and the TV.</li> </ul>
Distorted picture	<ul style="list-style-type: none"> <li>• When installing optional equipment, leave some space between the optional equipment and the TV.</li> <li>• When changing programmes or selecting Text, turn off any equipment connected to the scart connector on the rear of the TV.</li> </ul>
Double images or ghosting	<ul style="list-style-type: none"> <li>• Check aerial/cable connections.</li> <li>• Check the aerial location and direction.</li> </ul>
Only snow and noise appear on the screen	<ul style="list-style-type: none"> <li>• Check if the aerial is broken or bent.</li> <li>• Check if the aerial has reached the end of its serviceable life (three to five years in normal use, one to two years at the seaside).</li> </ul>
Picture (dotted lines or stripes) noise	<ul style="list-style-type: none"> <li>• Keep the TV away from electrical noise sources such as cars, motorcycles, or hair-dryers.</li> <li>• Make sure that the aerial is connected using the supplied coaxial cable.</li> <li>• Keep the aerial cable away from other connecting cables.</li> <li>• Do not use a 300-ohm twin lead cable as interference may occur.</li> </ul>
Picture noise when viewing a TV channel	<ul style="list-style-type: none"> <li>• Select "Manual Programme Preset" in the "Set Up" menu and adjust "AFT" (Automatic Fine Tuning) to obtain better picture reception (page 31).</li> <li>• Select "Noise Reduction" in the "Picture Adjustment" menu to reduce the noise in the picture (page 22).</li> </ul>
Stripe noise during playback/recording of a VCR	<ul style="list-style-type: none"> <li>• Video head interference. Keep your VCR away from the TV.</li> <li>• Leave a space of 30 cm between your VCR and the TV to avoid noise.</li> <li>• Avoid installing your VCR in front of the TV or beside the TV.</li> </ul>
Some tiny black points and/or bright points on the screen	<ul style="list-style-type: none"> <li>• The picture of a display unit is composed of pixels. Tiny black points and/or bright points (pixels) on the screen do not indicate a malfunction.</li> </ul>

Problem	Cause/Remedy
No colour on programmes	<ul style="list-style-type: none"> <li>• Select "Reset" in the "Picture Adjustment" menu to return to the factory settings (page 22).</li> </ul>
No colour or irregular colour when viewing a signal from the Y, PB/CB, PR/CR jacks of 	<ul style="list-style-type: none"> <li>• Check the connection of the Y, Pb/Cb, Pr/Cr jacks of .</li> <li>• Make sure that the Y, Pb/Cb, Pr/Cr jacks of  are firmly seated in their respective sockets.</li> </ul>

### Sound

Problem	Cause/Remedy
No sound, but good picture	<ul style="list-style-type: none"> <li>• Press  +/- or  (Mute).</li> <li>• Check that "TV Speakers" is set to "on" in the "Features" menu (page 27).</li> </ul>
Noisy sound	<ul style="list-style-type: none"> <li>• See the "Picture noise" causes/remedies on page 42.</li> </ul>

### Channels

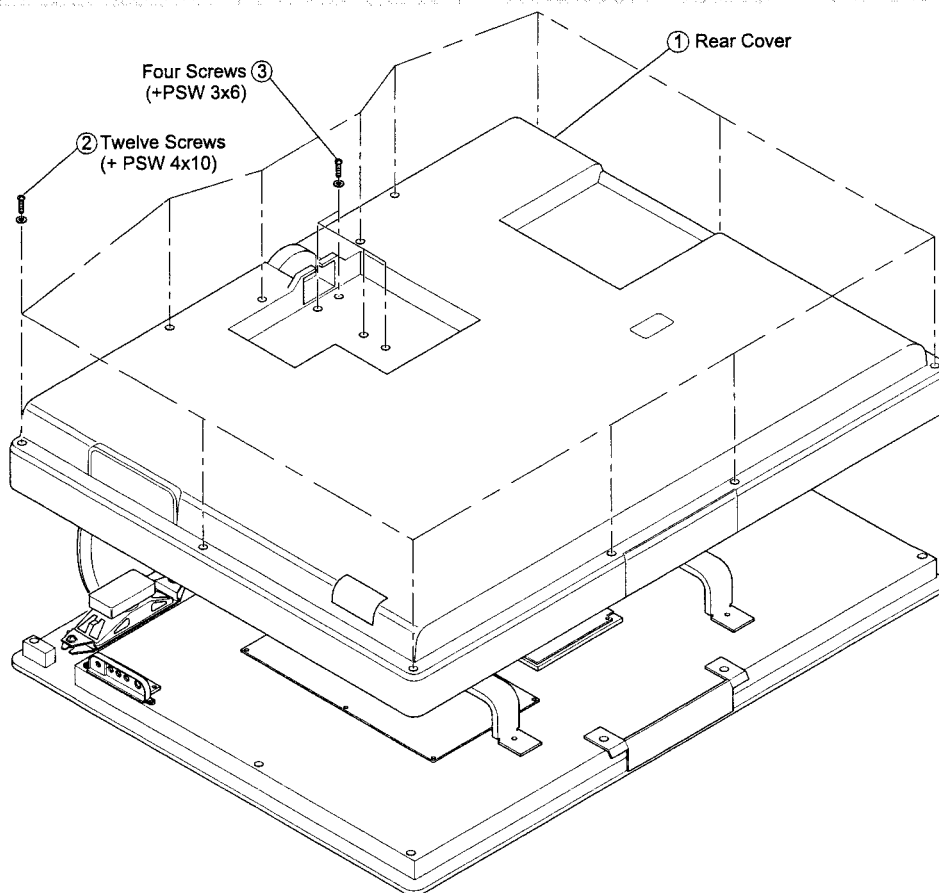
Problem	Cause/Remedy
The desired channel cannot be selected	<ul style="list-style-type: none"> <li>• Switch between digital and analogue mode and select the desired digital/analogue channel.</li> </ul>
Some channels are blank	<ul style="list-style-type: none"> <li>• Scrambled/Subscription only channel. Subscribe to the Pay Per View service.</li> <li>• Channel is used only for data (no picture or sound).</li> <li>• Contact the broadcaster for transmission details.</li> </ul>
Digital channel is not displayed	<ul style="list-style-type: none"> <li>• Check that the aerial is plugged directly into the TV (not through other equipment).</li> <li>• Contact a local installer to find out if digital transmissions are provided in your area.</li> <li>• Upgrade to a higher gain aerial.</li> </ul>

### General

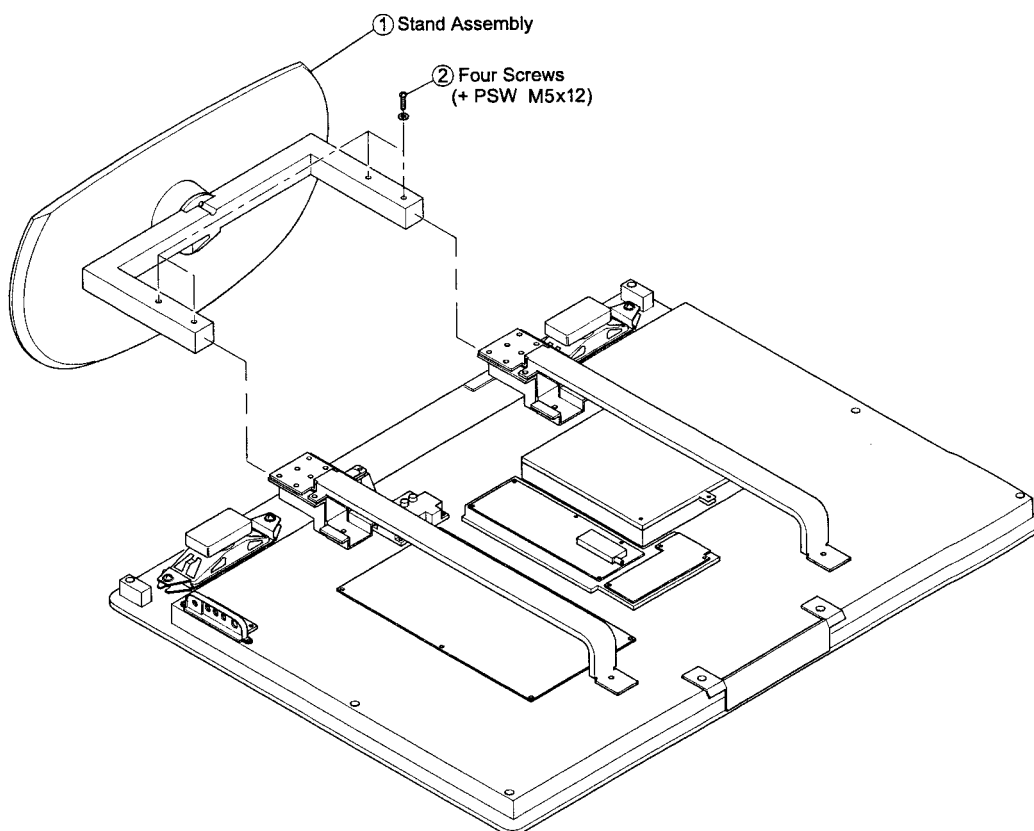
Problem	Cause/Remedy
The TV turns off automatically (the TV enters standby mode)	<ul style="list-style-type: none"> <li>• Check if the "Timer" is activated (page 28).</li> <li>• If no signal is received or no operation is performed in the TV mode for 10 minutes, the TV automatically switches to standby mode.</li> </ul>
The TV turns on automatically	<ul style="list-style-type: none"> <li>• Check if the "Timer" is activated (page 28)</li> </ul>
Some input sources cannot be selected	<ul style="list-style-type: none"> <li>• Select "AV Preset" in the "Set Up" menu and cancel "Skip" of the input source (page 31).</li> </ul>
The remote does not function	<ul style="list-style-type: none"> <li>• Replace the batteries.</li> </ul>

## SECTION 2 DISASSEMBLY

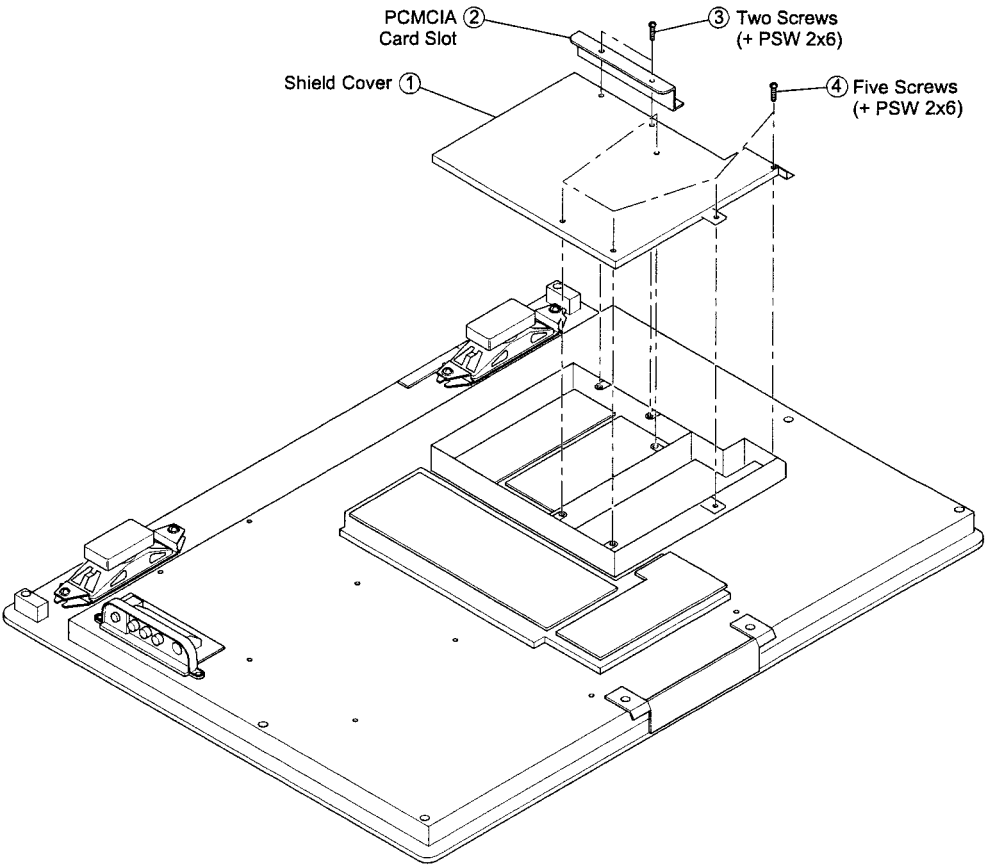
### 2-1. REAR COVER REMOVAL



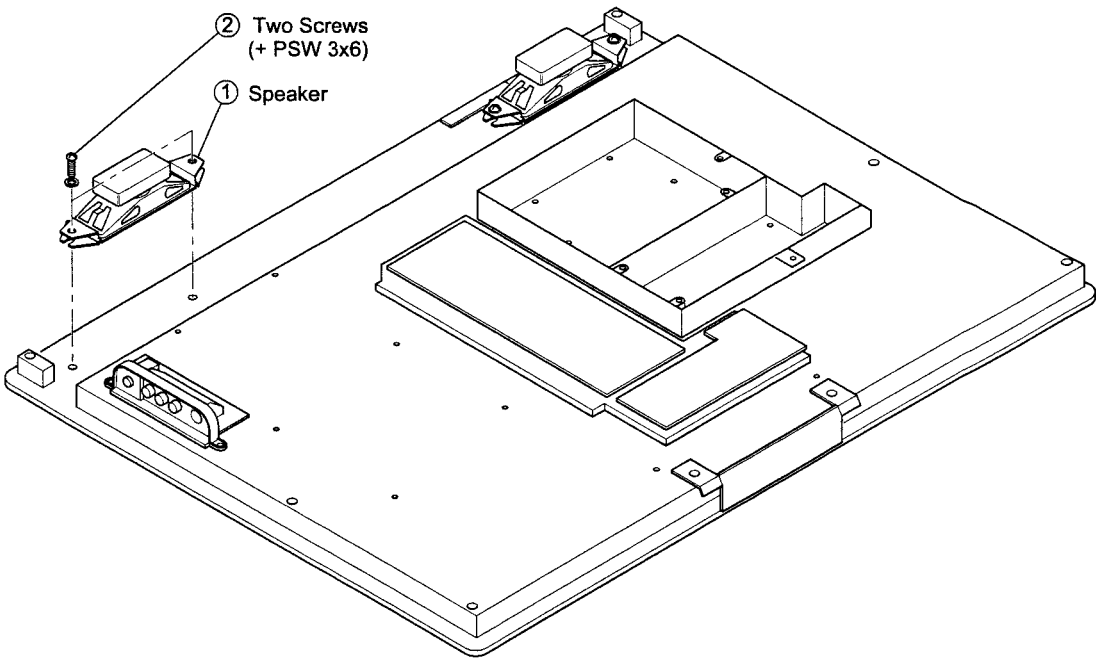
### 2-2. STAND REMOVAL



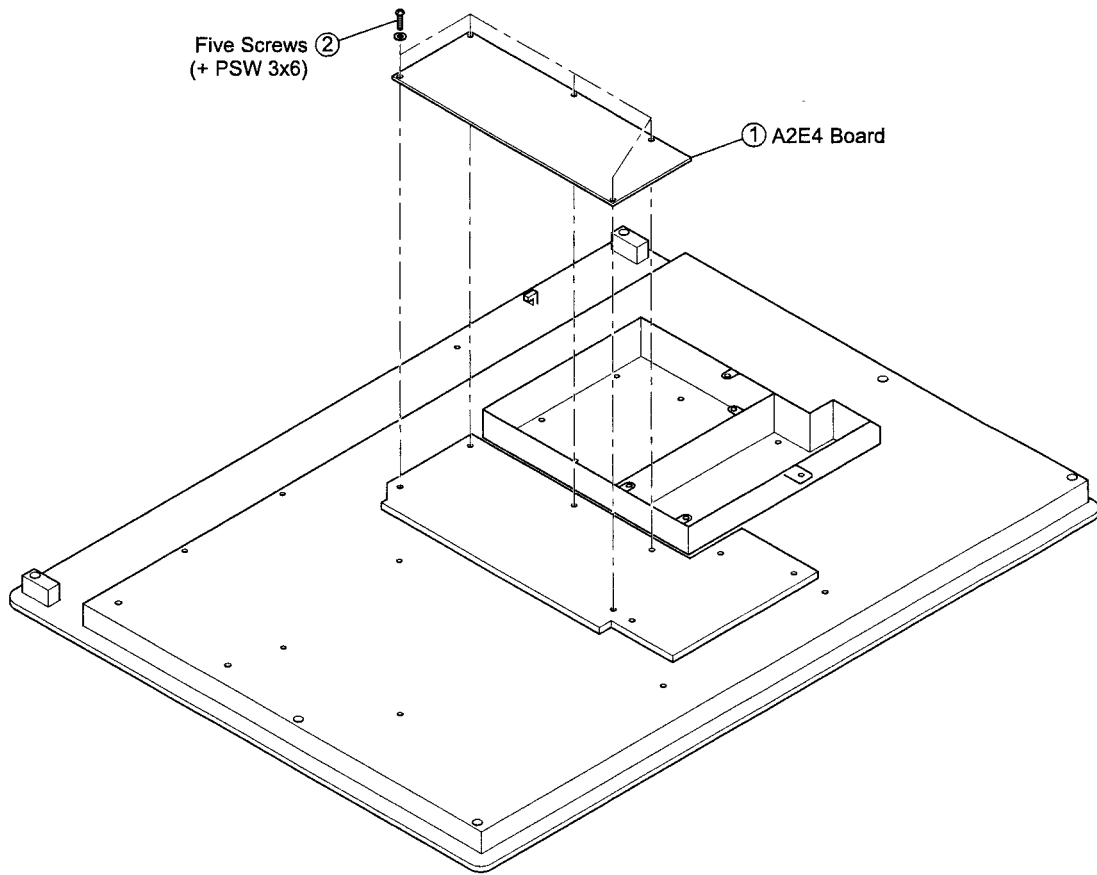
### 2-3. SHIELD COVER REMOVAL



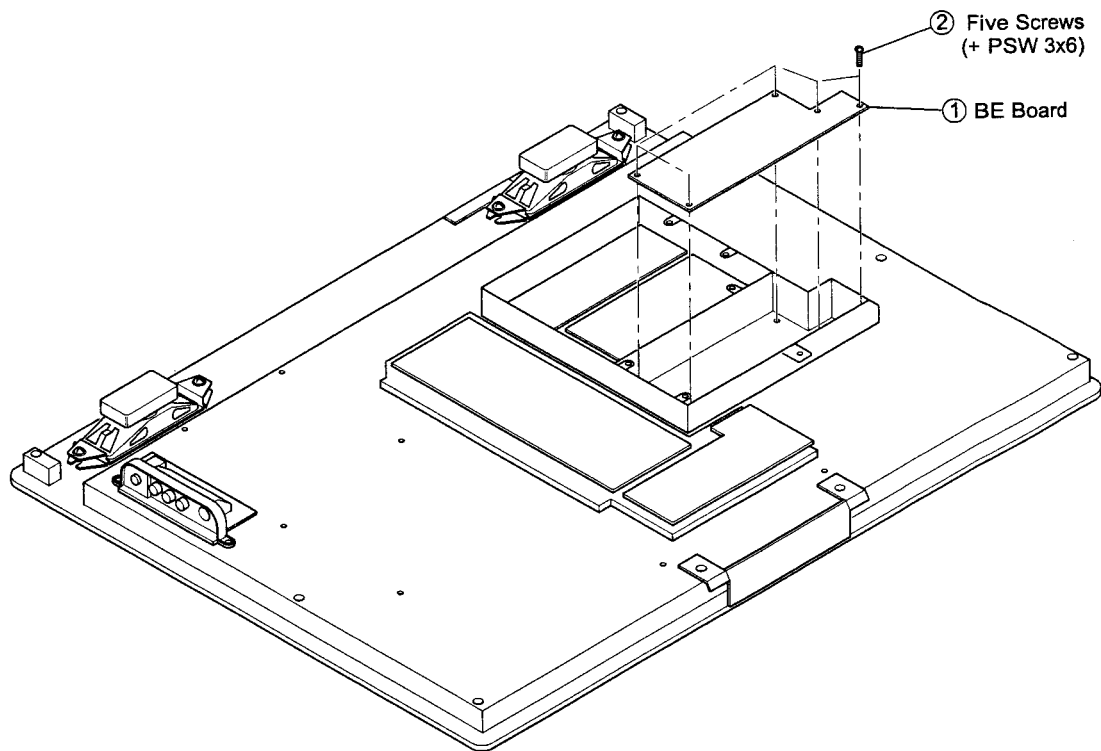
### 2-4. SPEAKER REMOVAL



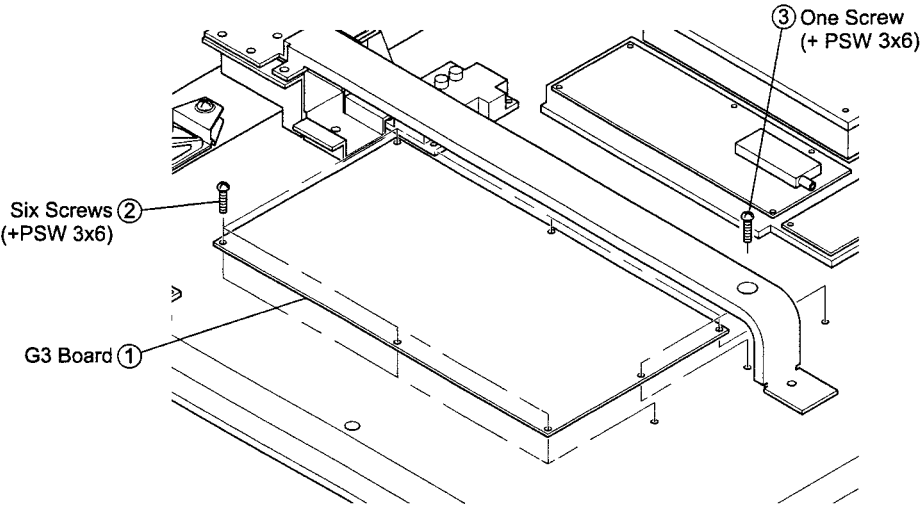
## 2-5. A2E4 BOARD REMOVAL



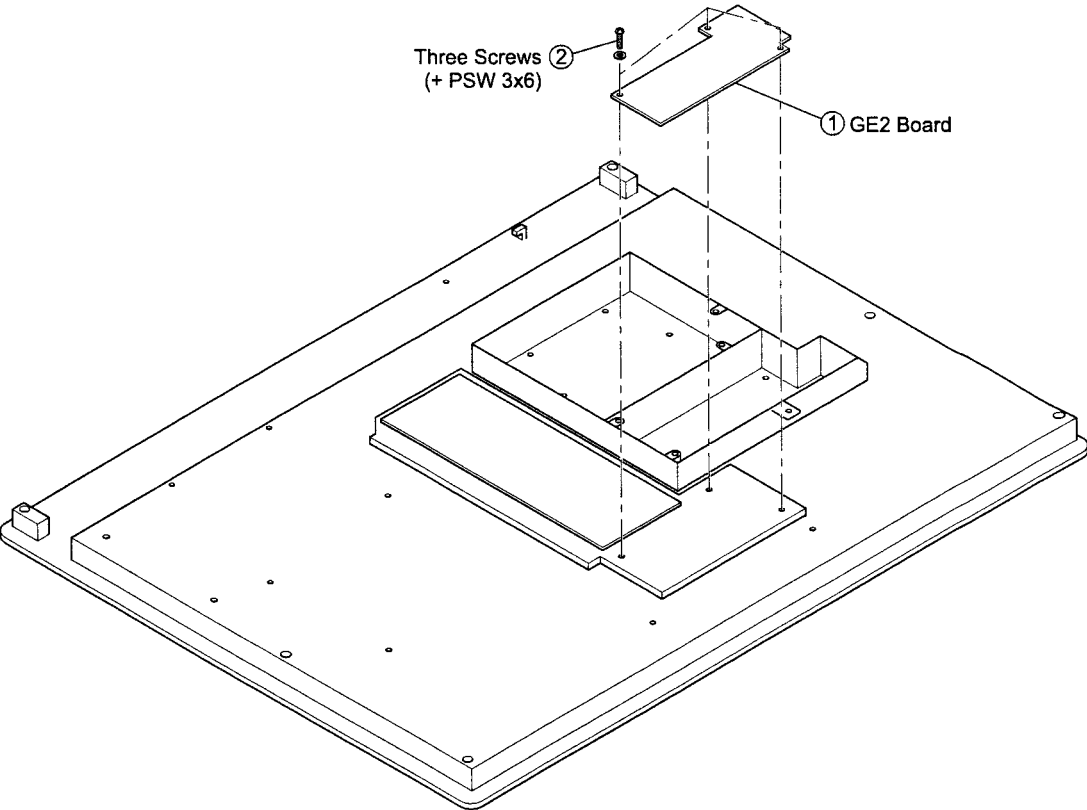
## 2-6. BE BOARD REMOVAL



### 2-7. G3 BOARD REMOVAL

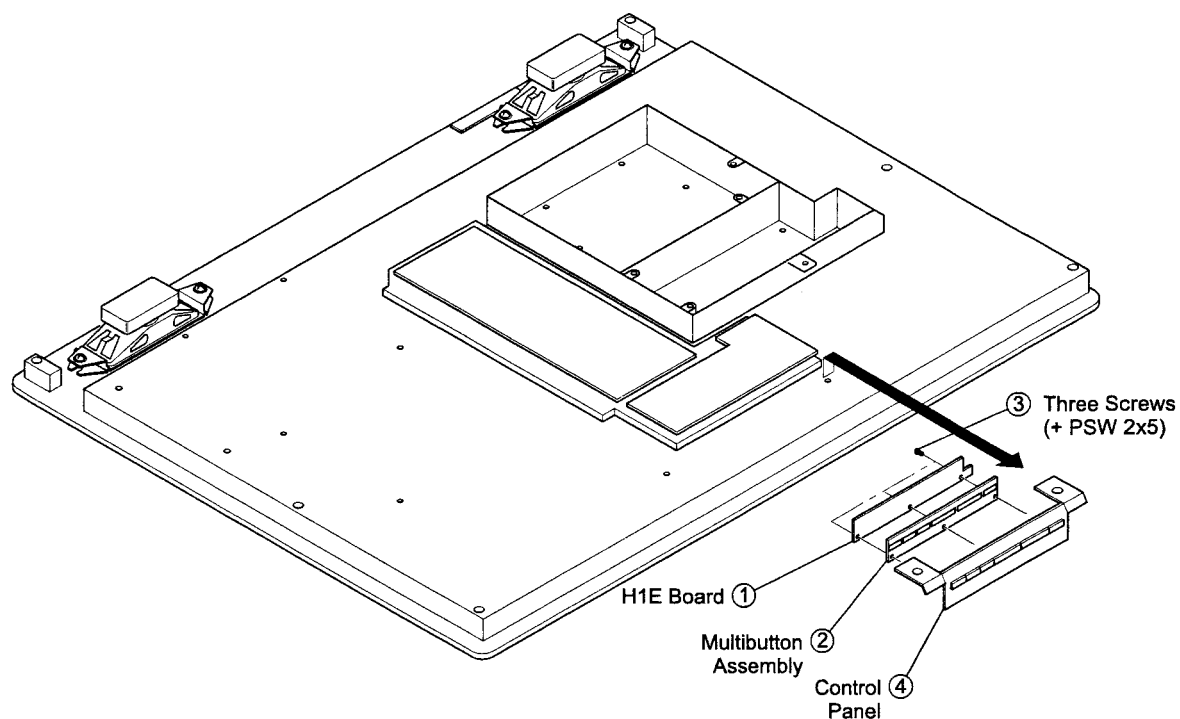


### 2-8. GE2 BOARD REMOVAL

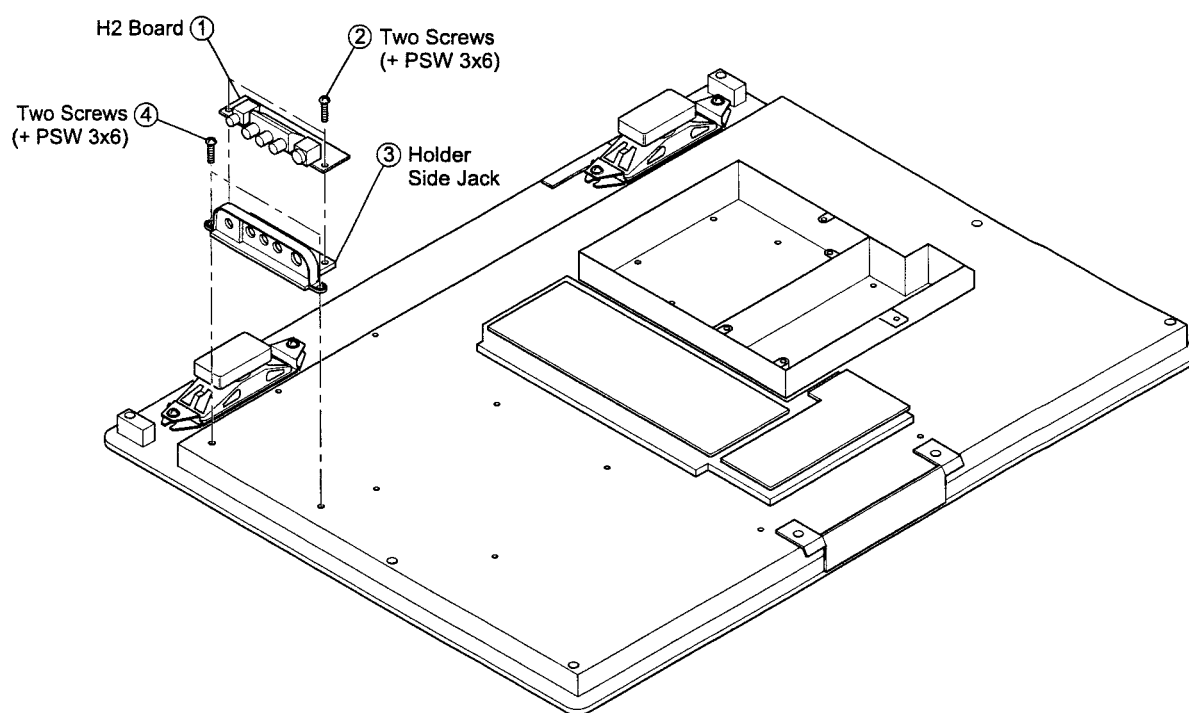


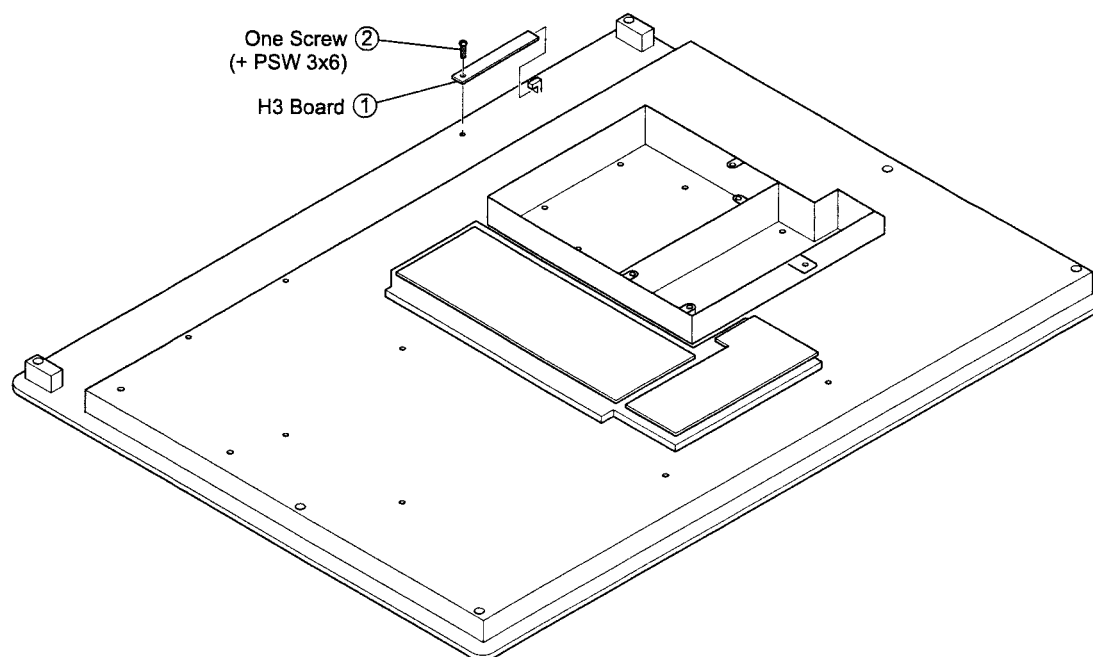
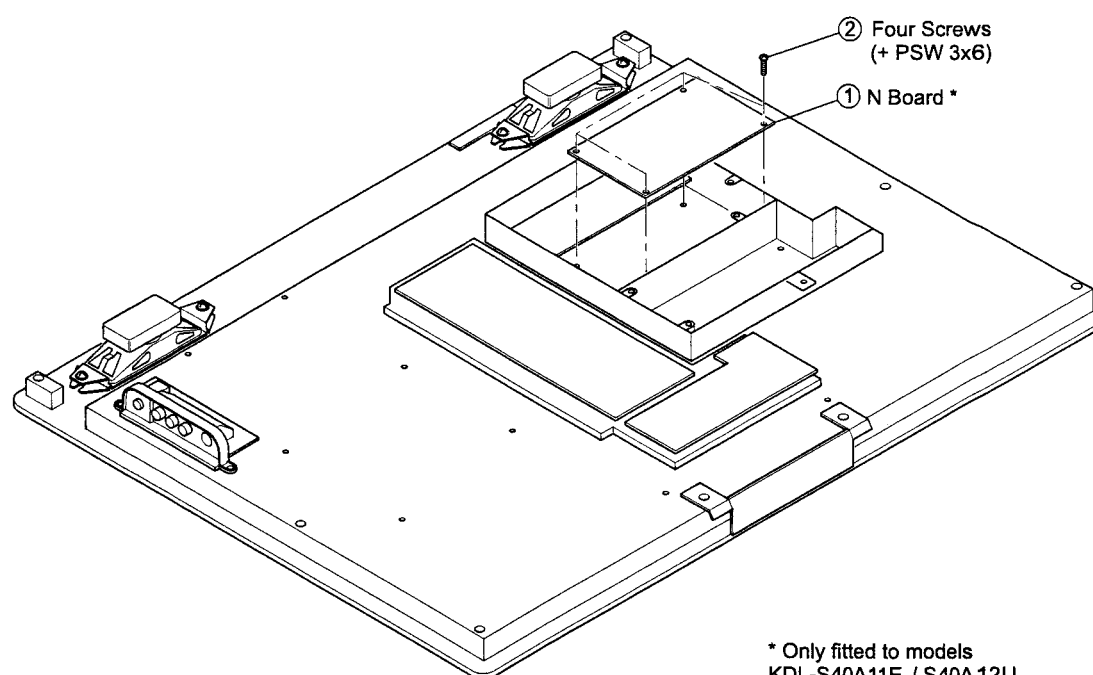


## 2-9. H1E BOARD REMOVAL

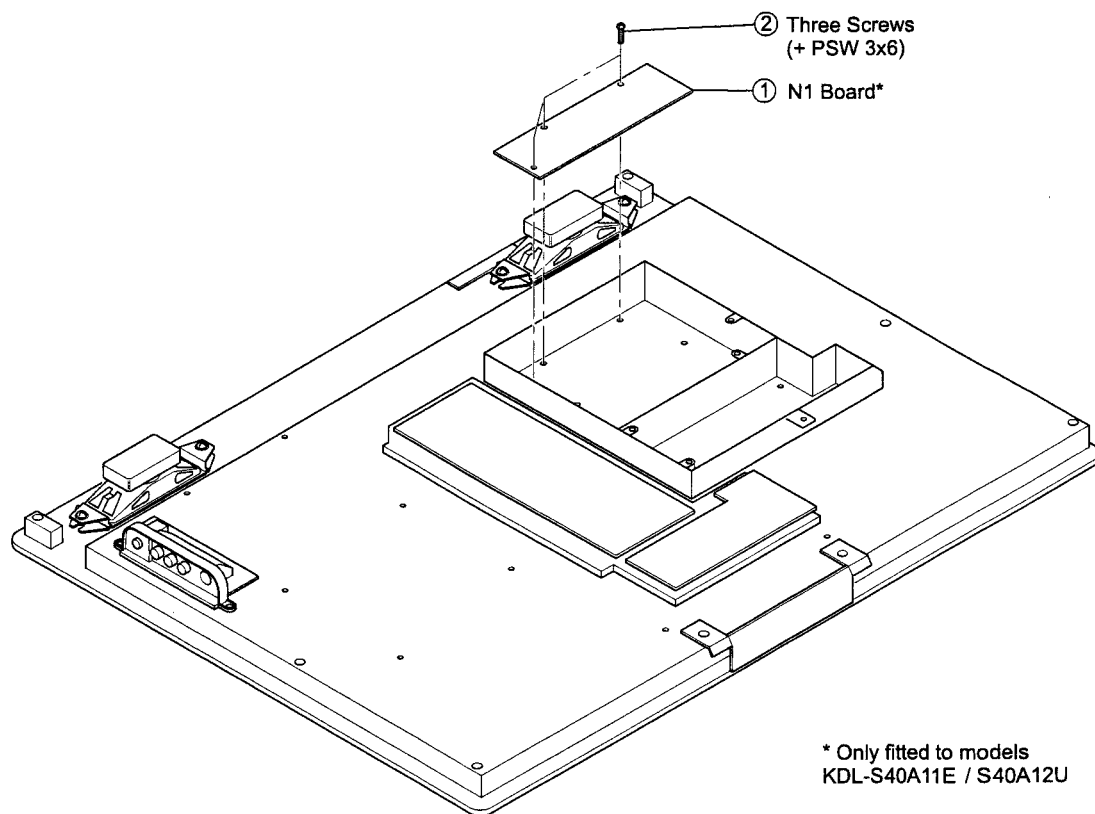


## 2-10. H2 BOARD REMOVAL



**2-11. H3 BOARD REMOVAL****2-12. N BOARD REMOVAL**

## 2-13. N1 BOARD REMOVAL

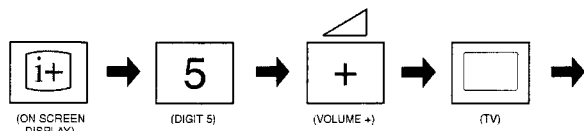


**SECTION 3 SET-UP ADJUSTMENTS****3-1. Signal Adjustment**

Service adjustments to this model can be performed using the supplied remote Commander RM-EA002 or RM-ED002.

**How to enter into the Service Mode**

1. Turn on the power to the TV set and enter into the stand-by mode.
2. Press the following sequence of buttons on the Remote Commander.



'TT—' will appear in the upper right corner of the screen.  
Other status information will also be displayed.

3. Press 'MENU' on the remote commander to obtain the following menu on the screen.

Trident SVP EX
Chroma Decoder
Backlight
Sound
IF Adjust
AV Switch
Service Menu
Error menu
WAX v0.18
Factory data: 11111111
Serial Number: 4294967295
Working Time: 9:15

4. Move to the corresponding adjustment item using the up or down arrow buttons on the Remote Commander.
5. Press the right arrow button to enter into the required menu item.
6. Press the 'Menu' button on the Remote Commander to quit the Service Mode when all adjustments have been completed.

**Note :**

- After carrying out the service adjustments, to prevent the customer accessing the 'Service Menu' switch the TV set OFF and then ON.

**3-1-1. PAL auto adjustment (CVBS)**

1. Select AV1 and input PAL signal. (PAL CVBS: CB 75%Y/75%C from signal generator).
2. Set the TV in Service Mode (See above) and send "TT51" command.

**3-1-2. PAL auto adjustment (RGB)**

1. Select AV1 and input RGB signal. (PAL RGB: CB 100%Y/100%C from signal generator).
2. Set the TV in Service Mode (See above) and send "TT52" command.

**3-1-3. SECAM auto adjustment (CVBS)**

1. Select AV1 and input SECAM signal. (SECAM CVBS: CB 75%Y/75%C from signal generator).
2. Set the TV in Service Mode (See above) and send "TT53" command.

**Note :**

- While Auto adjustment is in process the RED LED is ON, till it finishes.

**3-2. White Balance Adjustment****3-2-1. White Balance adjustment (H/L)**

1. Select AV1.
2. Change the TV to Custom Mode and set the following registers by sending "TT54".

COLORTONE	NEUTRAL
U_PIC_OFFSET	240
U_BRT_OFFSET	252
U_COLOR_OFFSET	128
COLOR_EMH	0
CONTRAST	MAX
BRIGHTNESS	50
COLOR	0
HUE	0
SHARPNESS	0
BACKLIGHT	MAX
AUTO NR	OFF
BLACK_ST TABLE	0
LIGHT SENSOR	OFF
POWER SAVING	STANDARD

3. Input PAL CVBS 60 IRE Full Field Signal to AV1.
4. Adjust Highlight registers:

NORMAL\_PAL\_RD (R Drive)

NORMAL\_PAL\_BD (B Drive)

High light adjustment value (9300K-0MPCD)

	40"	Range
x	0.2848	0.8JND
y	0.2932	
Y	-	N/A

### 3-2-2. White Balance adjustment (C/O)

1. Select AV1.
2. Change the TV to Custom Mode and set the following registers by sending "TT54".

COLORTONE	NEUTRAL
U_PIC_OFFSET	240
U_BRT_OFFSET	252
U_COLOR_OFFSET	128
COLOR_EMH	0
CONTRAST	MAX
BRIGHTNESS	50
COLOR	0
HUE	0
SHARPNESS	0
BACKLIGHT	MAX
AUTO NR	OFF
BLACK_ST TABLE	0
LIGHT SENSOR	OFF
POWER SAVING	STANDARD

3. Input PAL CVBS 20 IRE Full Field Signal to AV1.
4. Adjust CutOff registers:

NORMAL\_PAL\_RC (R cutoff)  
NORMAL\_PAL\_BC (B cutoff)

Low light ( Cut Off) adjustment value (9300K-0MPCD)

	40"	Range
x	0.2848	0.8JND
y	0.2932	
Y	-	N/A

### 3-2-3. SECAM White Balance adjustment (H/L)

1. Select AV1.
2. Change the TV to Custom Mode and set the following registers by sending "TT54".

COLORTONE	NEUTRAL
U_PIC_OFFSET	240
U_BRT_OFFSET	252
U_COLOR_OFFSET	128
COLOR_EMH	0
CONTRAST	MAX
BRIGHTNESS	50
COLOR	0
HUE	0
SHARPNESS	0
BACKLIGHT	MAX
AUTO NR	OFF
BLACK_ST TABLE	0
LIGHT SENSOR	OFF
POWER SAVING	STANDARD

3. Input SECAM CVBS 60 IRE Full Field Signal to AV1.
4. Adjust Drive registers:

SECAM\_OFFSET\_RD (R Drive)  
SECAM\_OFFSET\_BD (B Drive)

High light adjustment value (9300K-0MPCD)

	40"	Range
x	0.2848	0.8JND
y	0.2932	
Y	-	N/A

**3-2-4. SECAM White Balance adjustment (C/O)**

1. Select AV1.
2. Change the TV to Custom Mode and set the following registers by sending "TT54".

COLORTONE	NEUTRAL
U_PIC_OFFSET	240
U_BRT_OFFSET	252
U_COLOR_OFFSET	128
COLOR_EMH	0
CONTRAST	MAX
BRIGHTNESS	50
COLOR	0
HUE	0
SHARPNESS	0
BACKLIGHT	MAX
AUTO NR	OFF
BLACK_ST TABLE	0
LIGHT SENSOR	OFF
POWER SAVING	STANDARD

3. Input SECAM CVBS 20 IRE Full Field Signal to AV1.
4. Adjust CutOff registers:

SECAM\_OFFSET\_RC (R cutoff)

SECAM\_OFFSET\_BC (B cutoff)

Low light (Cut Off) adjustment value (9300K-0MPCD)

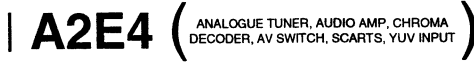
	40"	Range
x	0.2848	0.8JND
y	0.2932	
Y	-	N/A

**3-3. TEST TEST MODE**

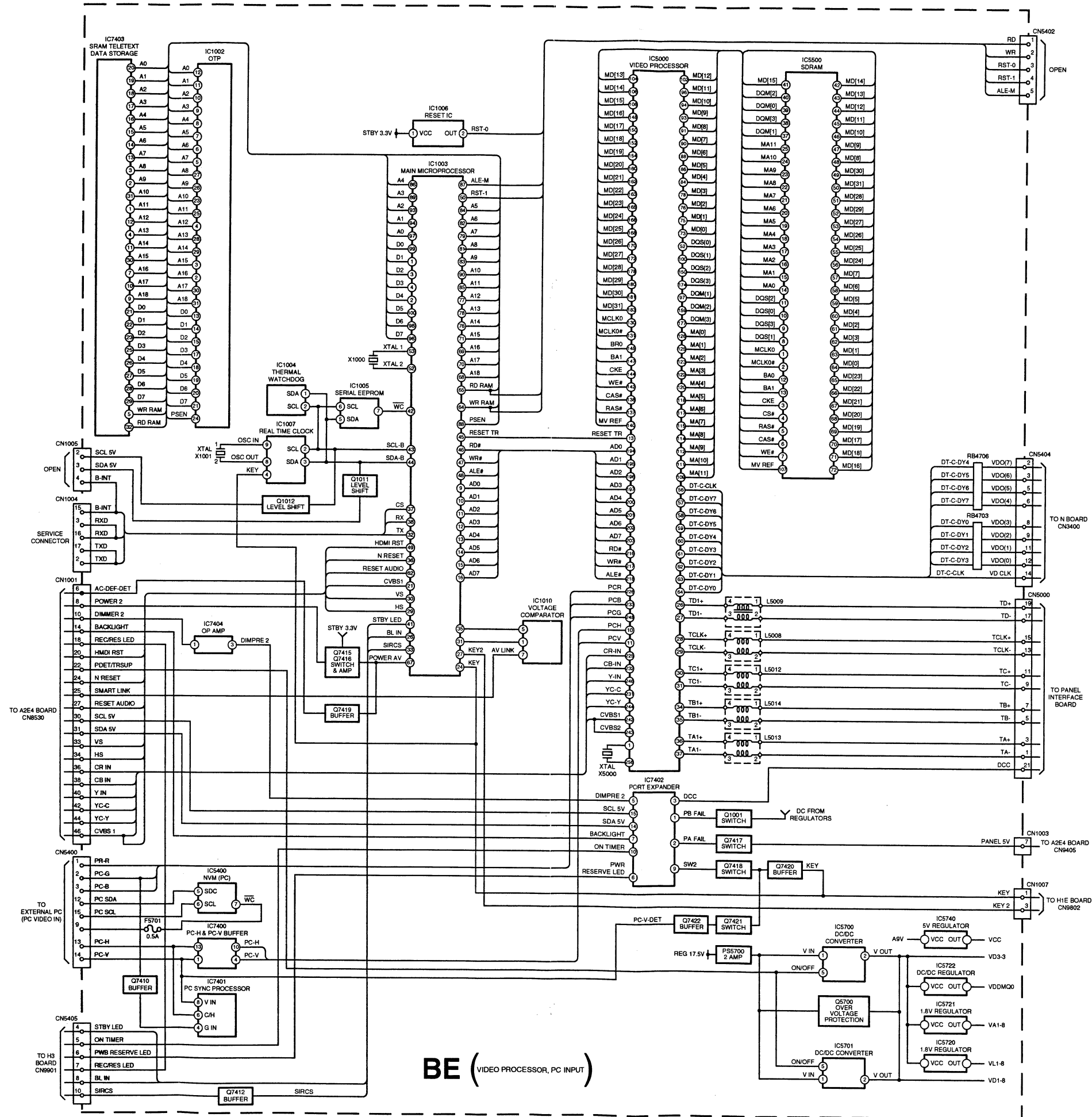
Test Test Mode is available in Service Mode, OSD 'TT' appears. The functions described below are available by selecting the two numbers. To release 'Test Test mode', press 00 or switch the TV set into Stand-by mode.

00	'TT' mode off
01	Picture maximum
02	Picture minimum
03	Set Volume to 35%
04	Set Volume to 50%
05	Set Volume to 65%
06	Set Volume to 80%
07	Ageing mode
08	Shipping Condition
16	Picture level 50%
19	Factory Mode toggle (on/off)
24	U Destination
25	AEP Destination
27	CBA mode toggle (ON/OFF)
31	ECS mode toggle (ON/OFF)
32	Set BCN channels preset
33	FILMODE toggle (ON/OFF)
34	Set INY channels preset
41	Re-initialise NVM
43	Select Dual Sound A
44	Select Dual Sound B
45	Select Dual Sound Mono
46	Select Dual Sound Stereo
48	Set NVM as non-virgin
49	Set NVM as virgin
51	PAL Auto adjustment
52	RGB Auto adjustment
53	SECAM Auto adjustment
54	WB Init conditions
55	Watchdog toggle
56	Reset all channel attenuations
62	Toggle Digital mode flag
63	AM from baseband (AFRIC)
64	set 40" settings
67	MSP Auto Carrier Mute function enable/disable
71	Set 19" settings
72	Set 23" settings
73	Set 26" settings
74	Set 32" settings
75	Balance to center position
76	Volume maximum
77	Volume minimum
78	Balance full left
79	Balance full right
81	Digital BER display
82	Digital Service menu
83	Digital colour bar output from DENC
84	TS CI path through
85	Digital tuner power down
86	Switch between two digital SW banks
87	Local keys test
88	Digital shipping conditions
89	LED test
93	I2S / analogue audio used for Digital sound
96	Digital Debug output: Enable / Disable
97	Digital 656 output Enable / Disable
98	Digital Auto Reset function Enable / Disable
99	Display Error and Working Time menu

#### 4-1. BLOCK DIAGRAMS (1)

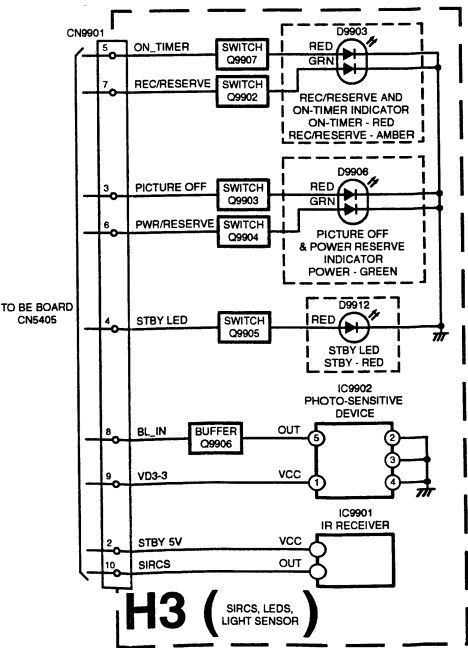
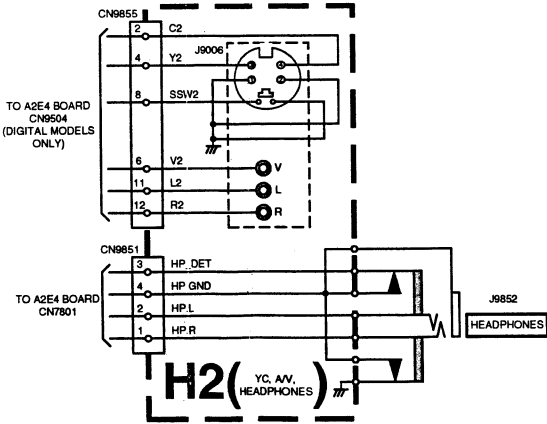
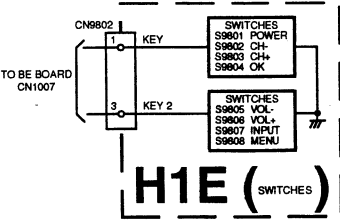
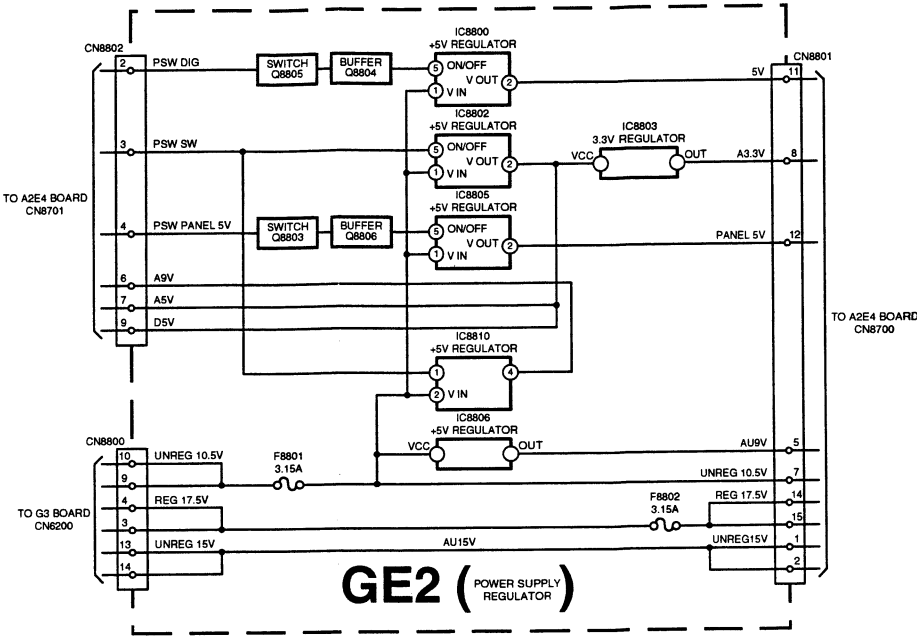
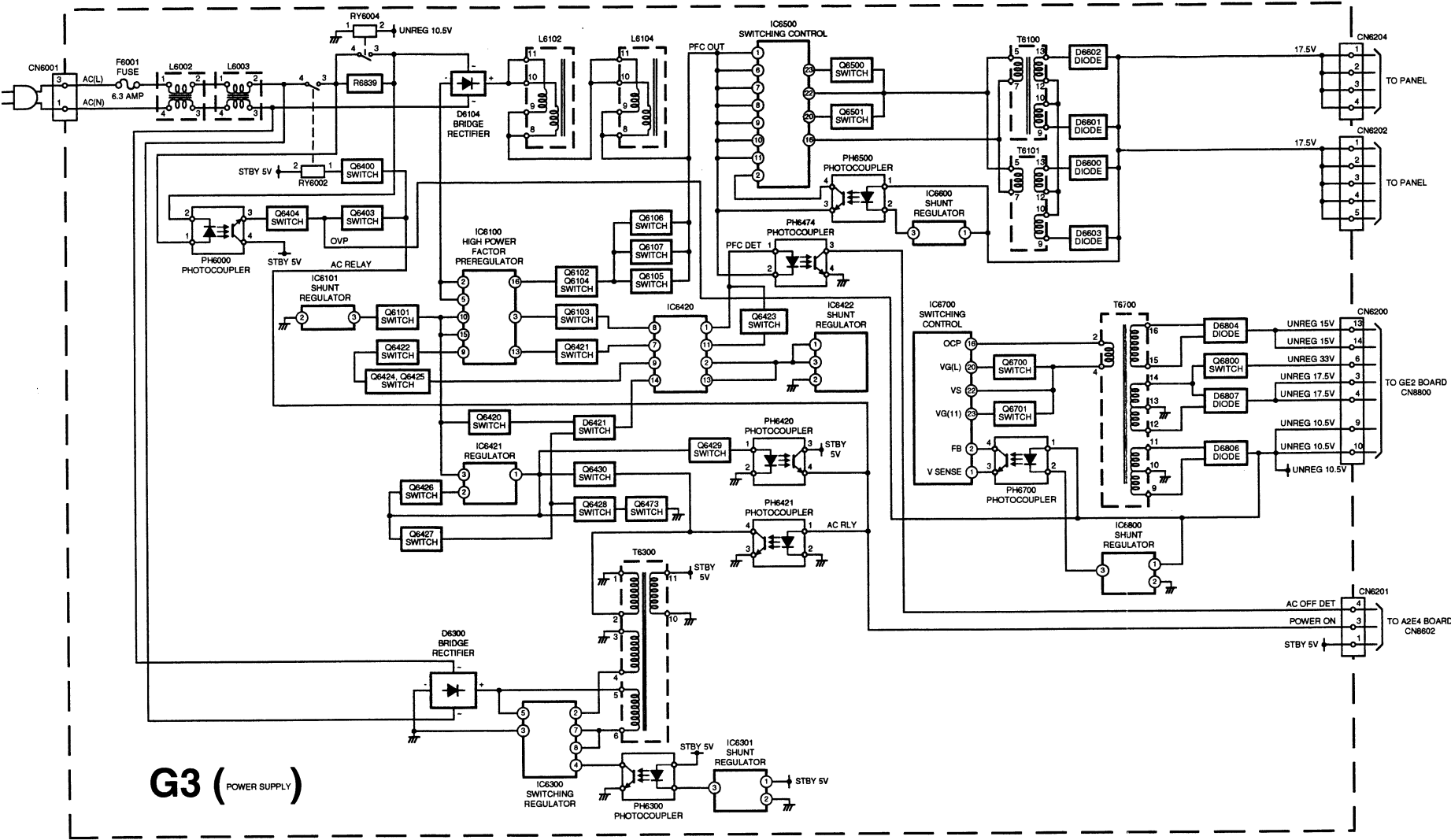


1. BLOCK DIAGRAMS (2)

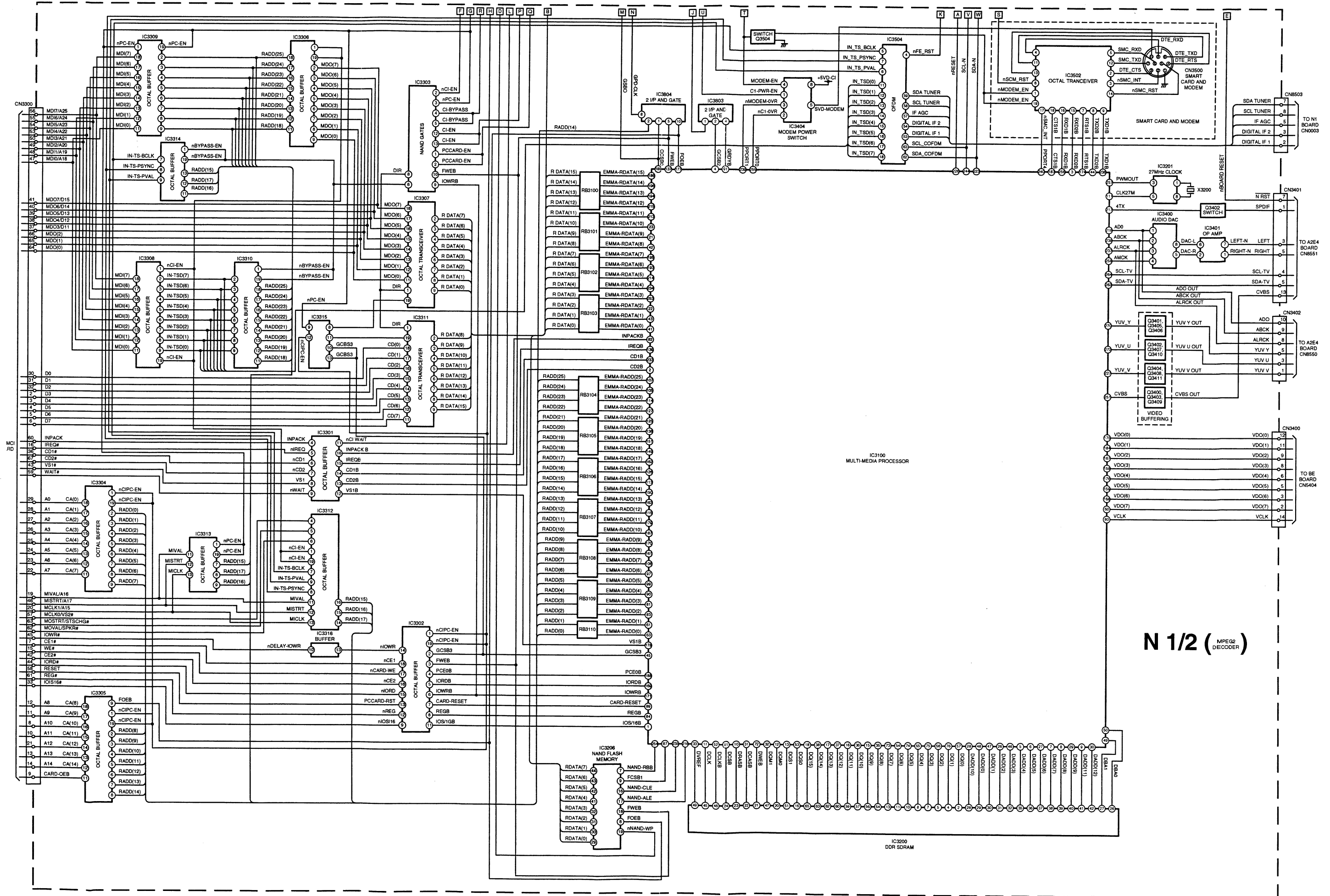




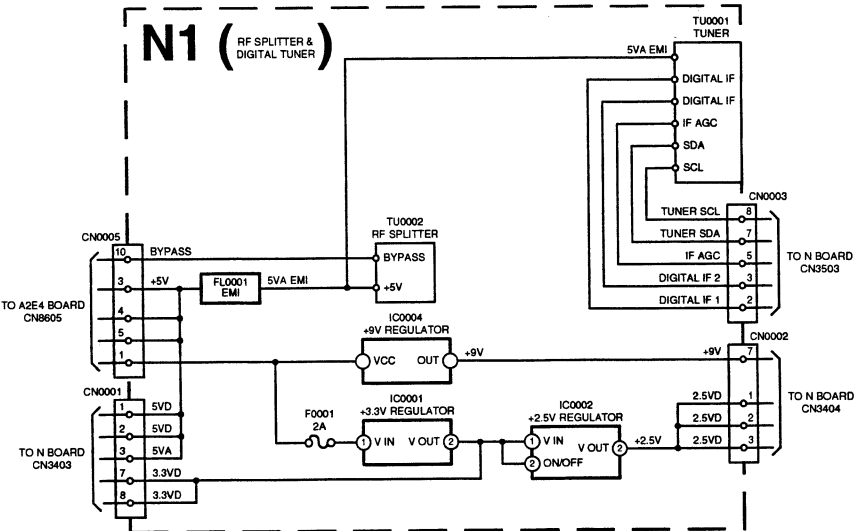
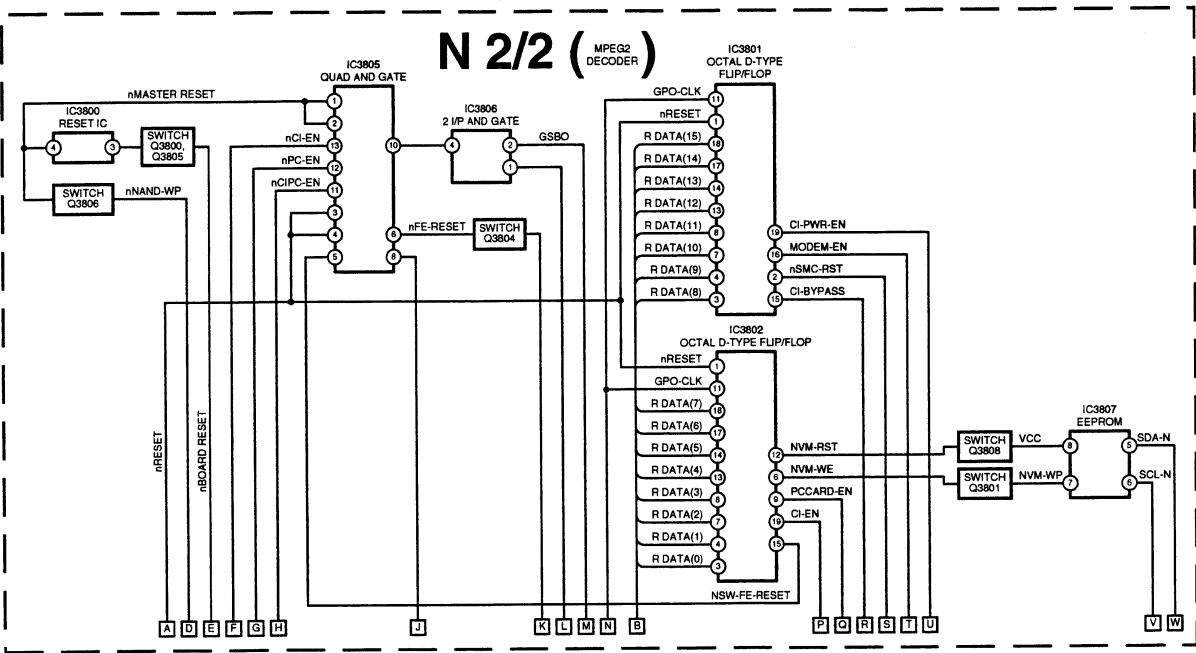
4-1. BLOCK DIAGRAMS (3)



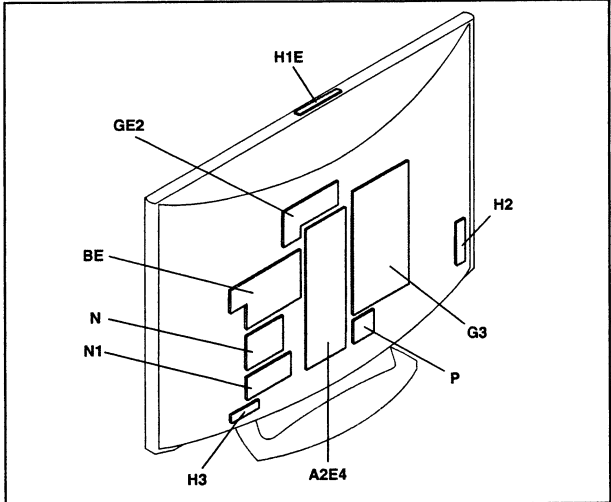
### 1. BLOCK DIAGRAMS (4)



4-1. BLOCK DIAGRAMS (5)












4-2. CIRCUIT BOARD LOCATION




4-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS


- Note :**
- All capacitors are in  $\mu\text{F}$  unless otherwise noted.
  - $\text{pF} : \mu\text{F}$  50WV or less are not indicated except for electrolytic types.
  - Indication of resistance, which does not have one for rating electrical power, is as follows.


Pitch : 5mm  
Electrical power rating : 1/4W

- Chip resistors are 1/10W
- All resistors are in ohms.  
k = 1000 ohms, M = 1000,000 ohms
-  : nonflammable resistor.
-  : fusible resistor.
-  : internal component.
-  : panel designation or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- All voltages are in Volts.
- Readings are taken with a 10Mohm digital mutimeter.
- Readings are taken with a color bar input signal.
- Voltage variations may be noted due to normal production tolerances.
-  : B + bus.
-  : B - bus.
-  : RF signal path.
-  : earth - ground.
-  : earth - chassis.

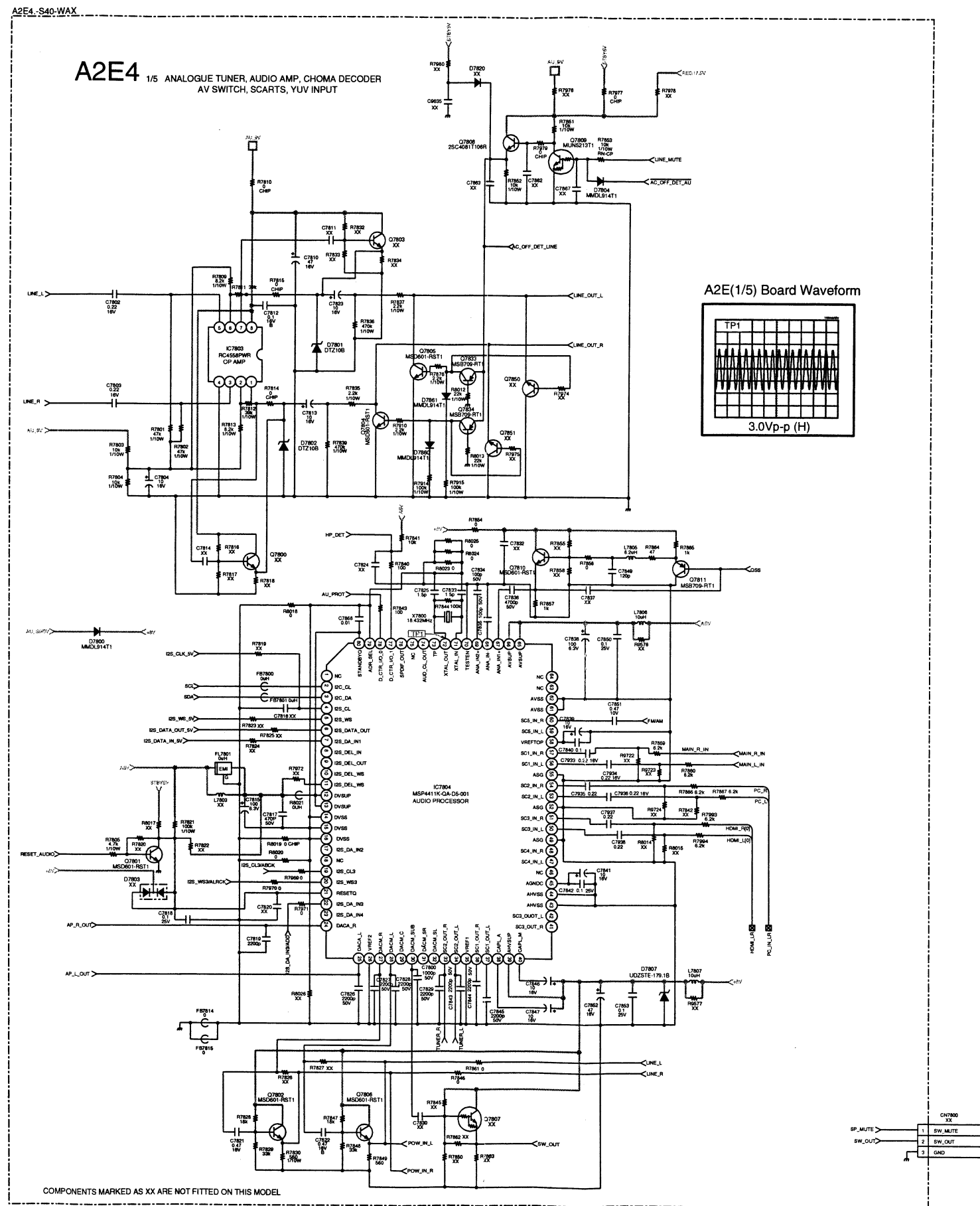
Reference Information

RESISTOR	RN	: METAL FILM
	RC	: SOLID
	FPRD	: NON FLAMMABLE CARBON
	FUSE	: NON FLAMMABLE FUSIBLE
	RS	: NON FLAMMABLE METAL OXIDE
	RB	: NON FLAMMABLE CEMENT
	RW	: NON FLAMMABLE WIREWOUND
		: ADJUSTMENT RESISTOR
COIL	LF-8L	: MICRO INDUCTOR
CAPACITOR	TA	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

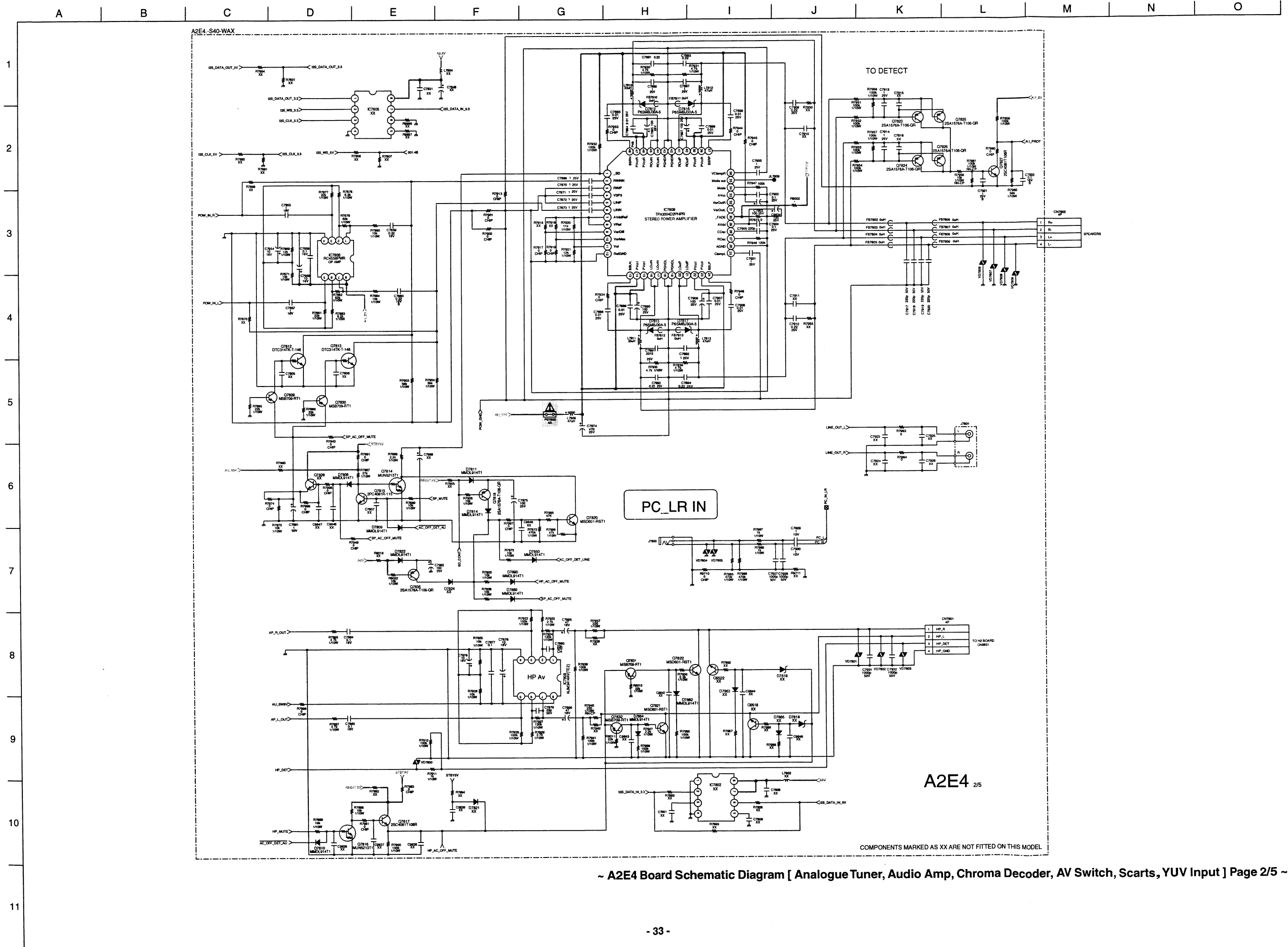
**Note :** The components identified by shading and marked  are critical for safety. Replace only with the part numbers specified in the parts list.

**Note :** Les composants identifiés par une trame et par une marque  sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.

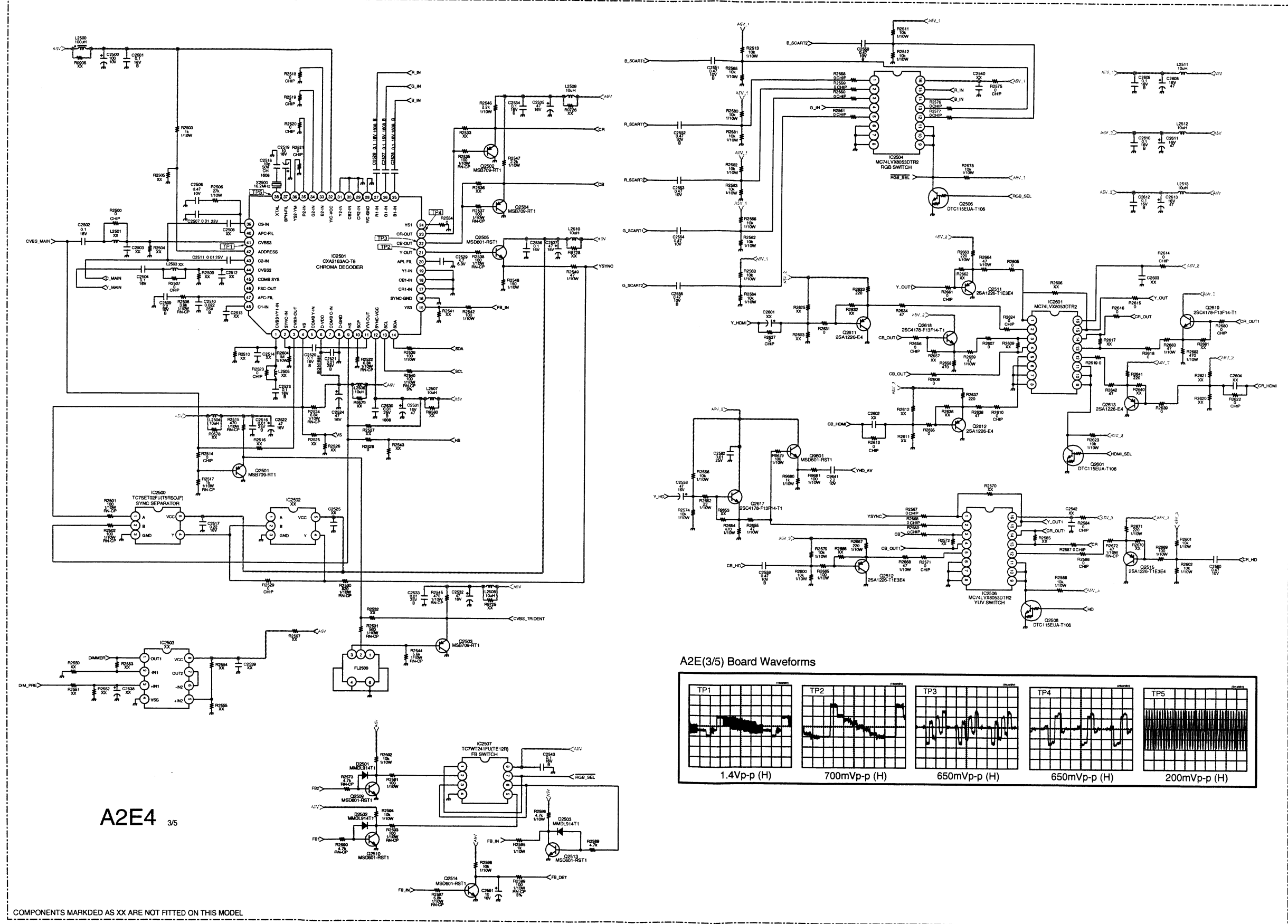
A B C D E F G H I J K L M N O



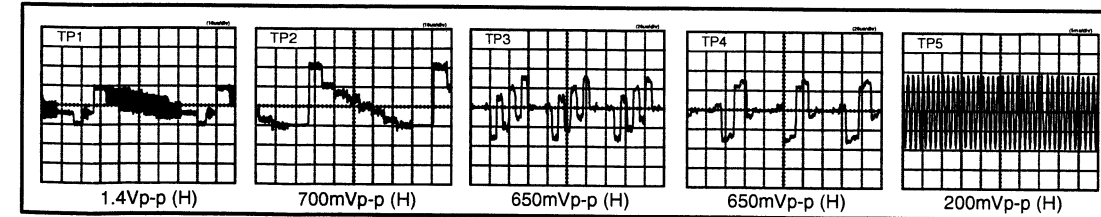
~ A2E4 Board Schematic Diagram [ Analogue Tuner, Audio Amp, Chroma Decoder, AV Switch, Scarts, YUV Input ] Page 1/5 ~

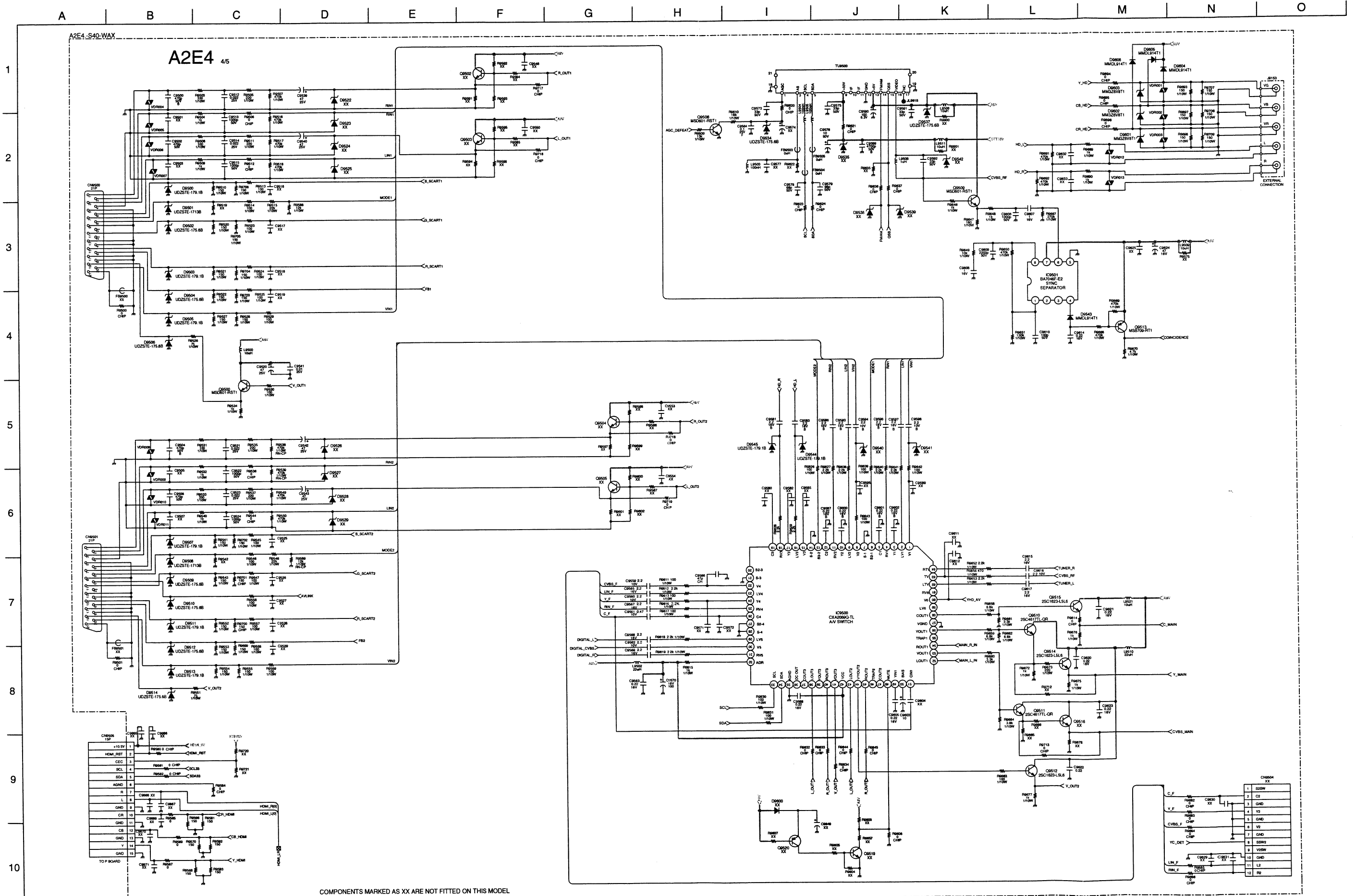


~ A2E4 Board Schematic Diagram [ Analogue Tuner, Audio Amp, Chroma Decoder, AV Switch, Scarts, YUV Input ] Page 2/5 ~

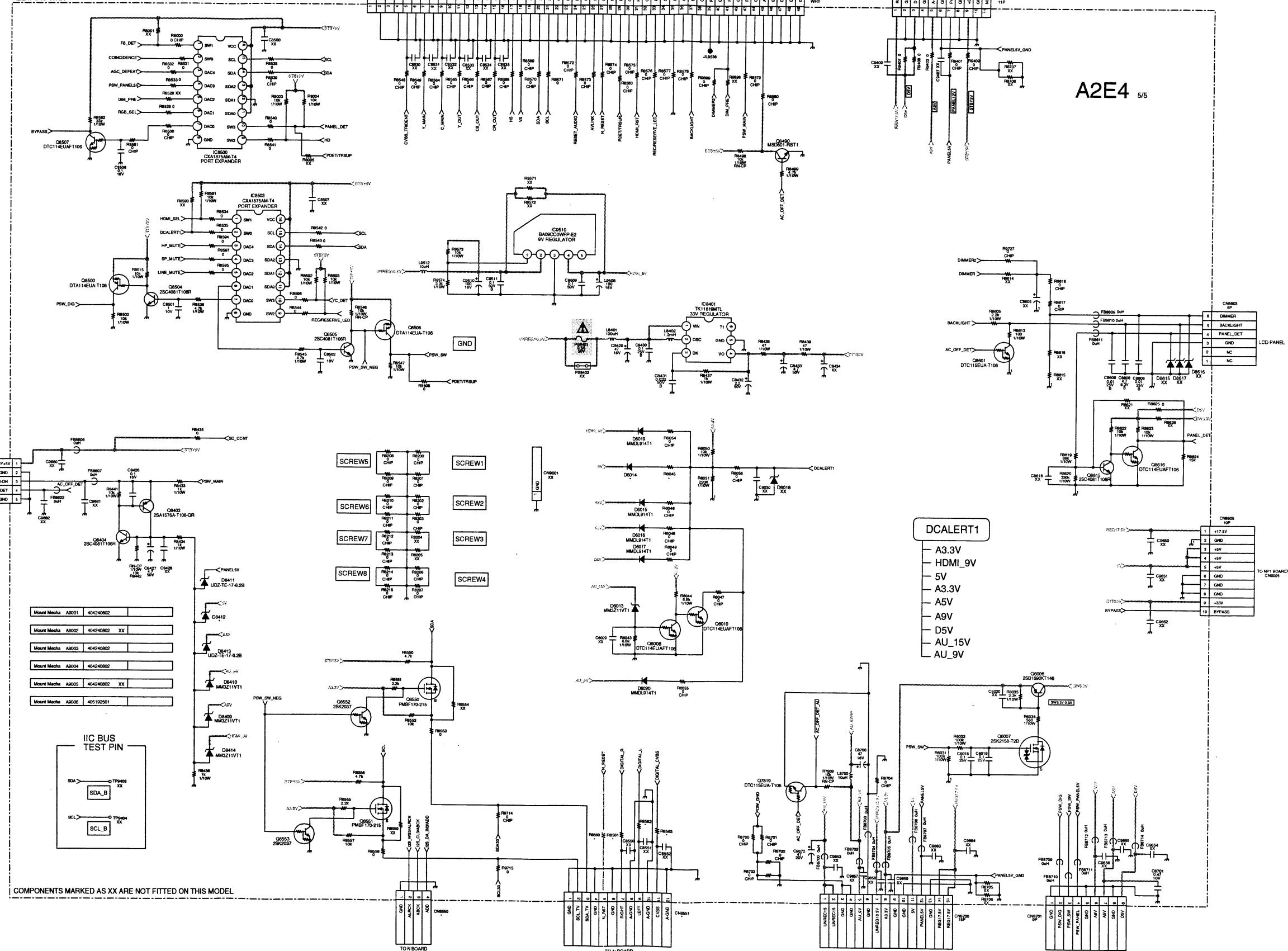


## A2E(3/5) Board Waveforms





~ A2E4 Board Schematic Diagram [ Analogue Tuner, Audio Amp, Chroma Decoder, AV Switch, Scarts, YUV Input ] Page 4/5 ~

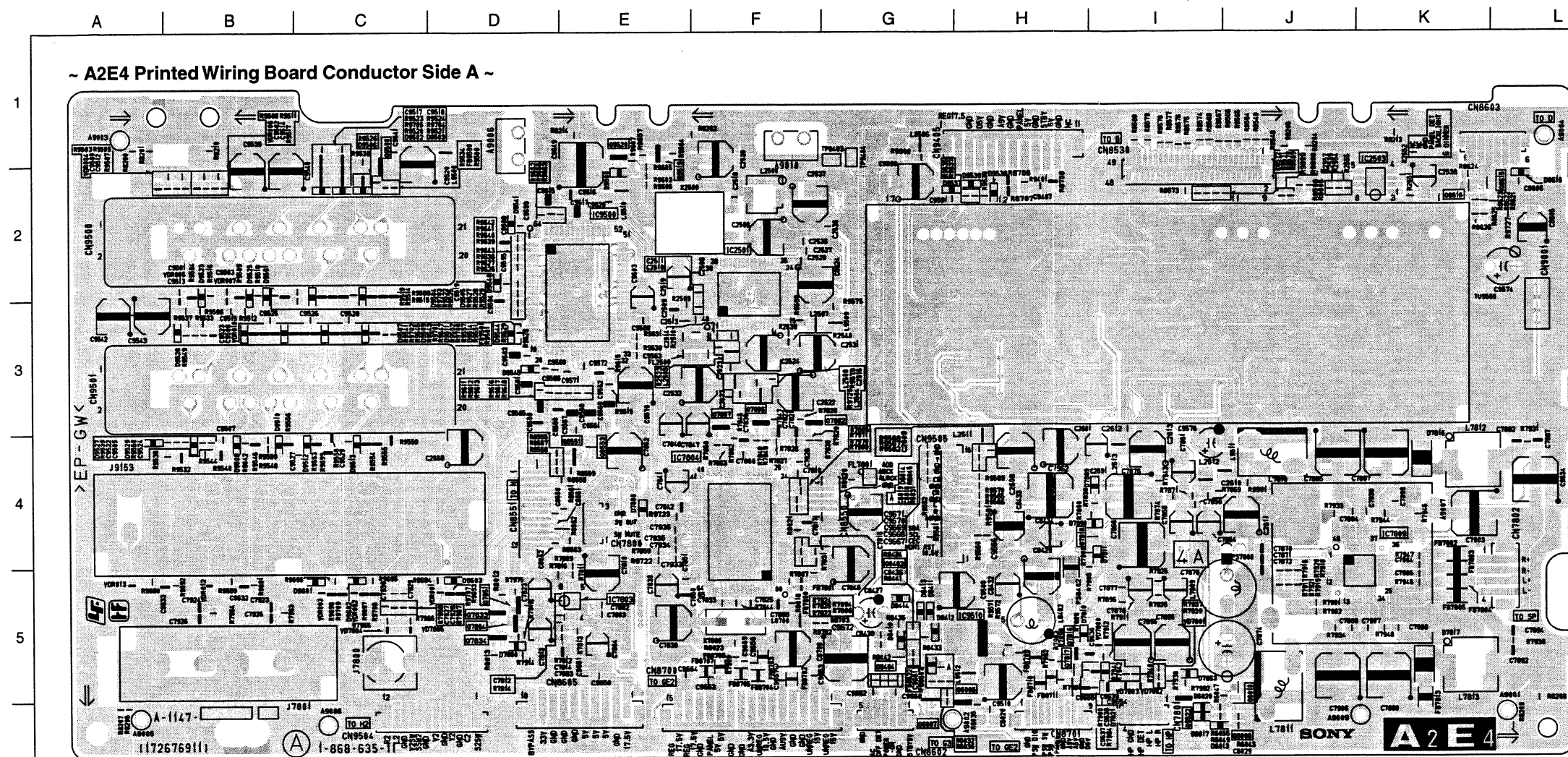


A2E4 5/5

COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

~ A2E4 Board Schematic Diagram [ Analogue Tuner, Audio Amp, Chroma Decoder, AV Switch, Scarts, YUV In put ] Page 5/5 ~





**~ A2E4 Board Semiconductor Location Table Side A ~**

DIODE		D9509	C - 3	IC9500	E - 2
D6013	I - 6	D9510	B - 3	IC9510	H - 5
D6014	G - 4	D9511	D - 3	TRANSISTOR	
D6017	I - 6	D9512	C - 4	Q6006	H - 5
D6020	I - 5	D9513	C - 4	Q6007	G - 6
D7800	E - 4	D9514	D - 3	Q6008	J - 6
D7810	H - 5	D9523	B - 2	Q6010	J - 5
D7811	I - 4	D9525	B - 2	Q7802	G - 3
D7816	K - 4	D9528	B - 3	Q7804	D - 5
D7817	K - 5	D9529	A - 4	Q7806	F - 3
D7860	D - 5	D9537	G - 2	Q7807	F - 3
D7863	I - 5	D9538	H - 2	Q7816	H - 5
D7889	I - 4	D9539	H - 2	Q7817	H - 5
D7890	H - 4	D9540	D - 2	Q7818	H - 4
D8410	G - 5	D9541	D - 2	Q7833	D - 5
D8411	G - 5	D9544	D - 3	Q7834	D - 5
D8412	G - 5	D9545	D - 3	Q7851	D - 5
D8413	G - 5	D9600	E - 2	Q8403	G - 4
D8414	G - 5	D9601	C - 5	Q8404	G - 5
D8616	L - 2	D9602	C - 5	Q8551	E - 4
D9501	B - 2	D9603	D - 5	Q8553	E - 4
D9502	C - 1	IC		Q8615	L - 2
D9503	D - 3	IC2501	F - 2	Q8616	K - 2
D9504	D - 5	IC2503	K - 2	Q9500	C - 1
D9505	D - 3	IC7803	E - 5	Q9519	E - 2
D9506	C - 1	IC7804	E - 4	Q9520	E - 1
D9507	C - 3	IC7809	K - 4	Q9522	I - 6

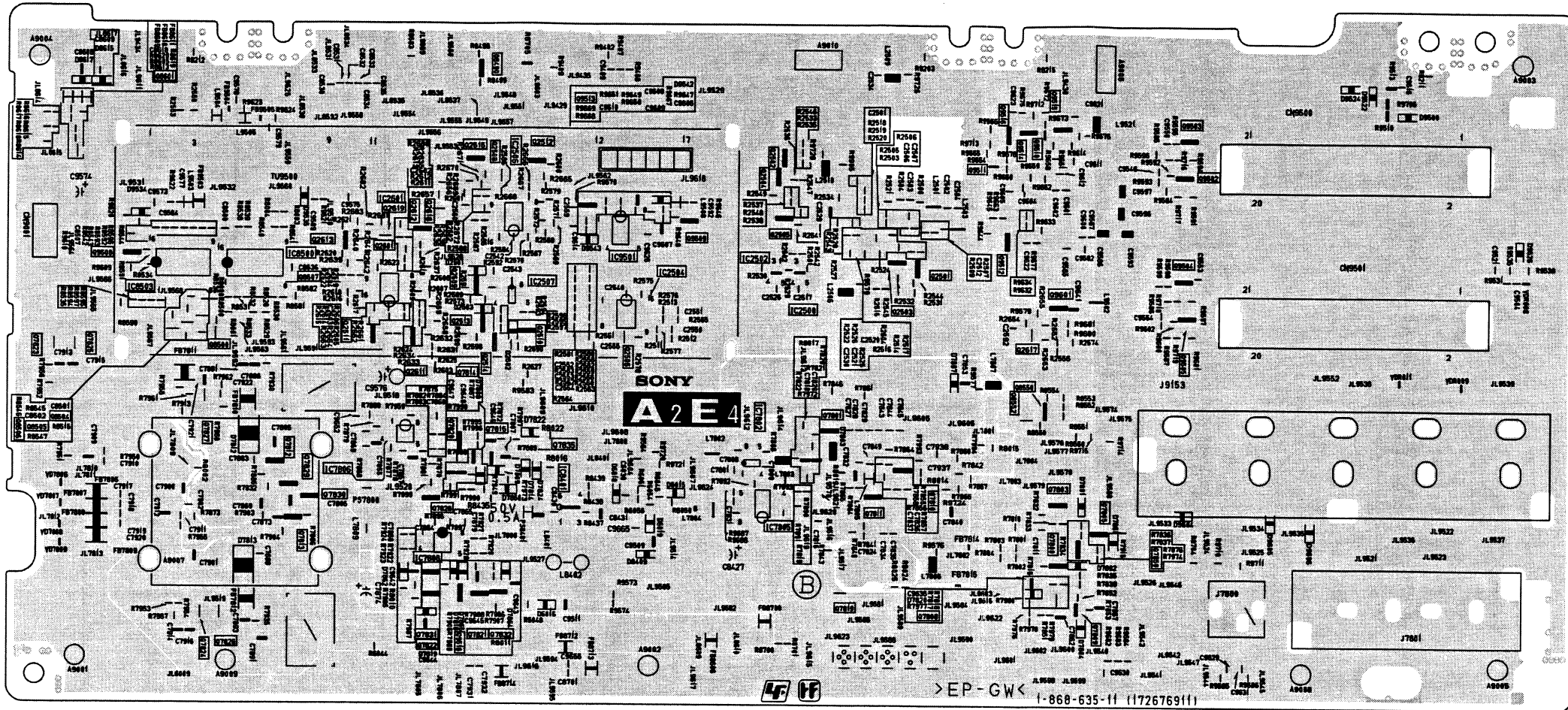
~ A2E4 Board IC Voltage Table Side A ~

Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)
IC2501	1	1.9	IC2501	37	1.1	IC7804	17	0.2	IC7804	50-51	3.8	IC9500	2	4.5	IC9500	32	8.9
	2	2.2		38	3.9		18	0		52	0		3	3.9		33	3.2
	3	1.8		39	1.7		19-20	1.7		53-54	3.8		4	4.5		34	3.5
	4	0		40	3.3		21	4.6		55	0		5	4.4		35	1.0
	5	1.9		41	2.5		22	1.7		56-57	3.8		6-7	0		36-38	4.4
	6	5.0		42	4.9		23	0.3		58	2.6		8	3.9		39	3.7
	7	2.5		43	1.7		24-26	0		59-60	3.8		9	4.5		40-41	4.5
	8-9	0		44	1.9		27-31	0.2		61-62	0		10	3.9		42	9.0
	10	0.8		45	4.9		32	0		65-66	5.0		11-12	4.5		43-45	4.5
	11	2.6		46	2.2		33	1.3		67-68	1.5		13-14	0		46	3.7
	12	5.0		47	3.7		34	1.4		69	0.2		15	3.9		47	4.4
	13	3.4		48	1.7		35	0		70	0		16	4.5		48	0
	14	3.5	IC7803	1-3	4.6	36-37	3.8	71	2.4	17	3.9	49	3.9				
	15-19	0		4	0	38	7.4	72	2.3	18-19	4.5	50-54	4.5				
	20	2.4		5-7	4.6	39	8.3	73	2.6	20-21	0	55	3.7				
	21-23	1.8		8	9.1	40	7.2	74-76	0	22	3.9	56	3.2				
	24	0	IC7804	2-3	3.5	41	1.3	77	0.5	23	4.5	57	0				
	25-27	2.5		4-6	0	42	1.4	78	3.3	24	3.9	58	4.3				
	28-31	0		7-11	0.3	43-44	0	79	0	25-26	4.5	59	4.5				
	32	4.9		12-13	4.9	45-48	3.8	80	4.9	27-28	0	60	3.9				
33-36	0	14-16		0	49	0	IC9500	1	3.9	29-31	4.5	61-64	4.5				

**~ A2E4 Board Semiconductor Voltage Table Side A ~**

Ref	(e)(s)	(b)(g)	(c)(d)	Ref	(e)(s)	(b)(g)	(c)(d)
Q6006	3.3	2.6	3.3	Q7819	0	0	9.1
Q6007	0	4.7	0	Q7833	0	0	0
Q6008	0	4.6	0	Q7834	0	0	0
Q6010	0	0	3.0	Q8403	2.9	2.9	0
Q7802	4.5	5.1	8.3	Q8404	0	0	2.9
Q7806	4.5	5.1	8.3	Q8551	2.3	3.3	3.3
Q7816	0	0.4	4.7	Q8615	0	0.6	0
Q7817	4.0	4.7	4.8	Q8616	0	0	3.7
Q7818	17.9	18.1	0	Q9500	3.9	4.5	9.0

~ A2E4 Printed Wiring Board Conductor Side B ~



~ A2E4 Board Semiconductor Location Table Side B ~

DIODE		D7808	D - 4	D7864	D - 5	D9604	I - 5	IC8401	E - 4	Q2510	E - 3	Q7800	H - 5	Q7820	D - 4	Q7835	E - 4	Q9503	I - 2		
D2501	D - 3	D7809	E - 4	D7865	D - 5	D9606	J - 5	IC8500	C - 3	Q2511	C - 3	Q7801	G - 4	Q7821	D - 5	Q7850	I - 5	Q9504	I - 3		
D2502	D - 4	D7812	B - 4	D8409	E - 5	IC		IC8503	B - 3	Q2512	E - 2	Q7803	H - 4	Q7822	D - 6	Q8490	D - 1	Q9505	I - 4		
D2503	D - 3	D7813	C - 5	D8615	B - 1	IC2500		G - 3	IC9501	E - 3	Q2513	D - 3	Q7805	I - 5	Q7823	A - 3	Q8500	B - 3	Q9508	B - 3	
D6015	F - 4	D7814	E - 4	D8617	A - 1	IC2502		F - 3	TRANSISTOR		Q2514	D - 4	Q7808	G - 5	Q7824	B - 6	Q8504	A - 4	Q9509	F - 3	
D6016	E - 5	D7818	D - 5	D9500	K - 2	IC2504		F - 3	Q2501		H - 3	Q2515	D - 2	Q7809	I - 5	Q7825	A - 3	Q8505	A - 4	Q9511	H - 2
D6018	E - 4	D7819	D - 6	D9522	K - 2	IC2506		E - 2	Q2502		F - 2	Q2601	D - 3	Q7810	G - 5	Q7826	B - 6	Q8506	A - 4	Q9512	H - 3
D6019	E - 5	D7820	G - 5	D9524	K - 1	IC2507		E - 3	Q2503		G - 3	Q2611	D - 4	Q7811	G - 5	Q7827	B - 4	Q8507	C - 3	Q8613	E - 2
D7801	I - 4	D7822	E - 4	D9526	L - 3	IC2601		D - 2	Q2504		F - 2	Q2612	D - 2	Q7812	C - 4	Q7828	D - 5	Q8550	H - 4	Q9514	H - 2
D7802	I - 5	D7824	E - 4	D9534	B - 2	IC7802		F - 4	Q2505		F - 3	Q2613	C - 3	Q7813	C - 5	Q7829	C - 4	Q8552	H - 4	Q9515	H - 2
D7803	G - 4	D7850	D - 4	D9535	C - 2	IC7805		F - 5	Q2506		E - 4	Q2617	H - 3	Q7814	D - 4	Q7830	C - 4	Q8601	B - 1	Q9516	H - 2
D7804	I - 5	D7861	I - 4	D9542	F - 2	IC7806		C - 4	Q2508		D - 2	Q2618	D - 2	Q7815	D - 4	Q7831	D - 5	Q9500	C - 1	Q9518	D - 6
D7807	H - 4	D7862	D - 5	D9543	E - 3	IC7808		D - 5	Q2509		D - 3	Q2619	D - 2	Q7819	G - 5	Q7832	D - 5	Q9502	I - 2	Q9601	H - 3

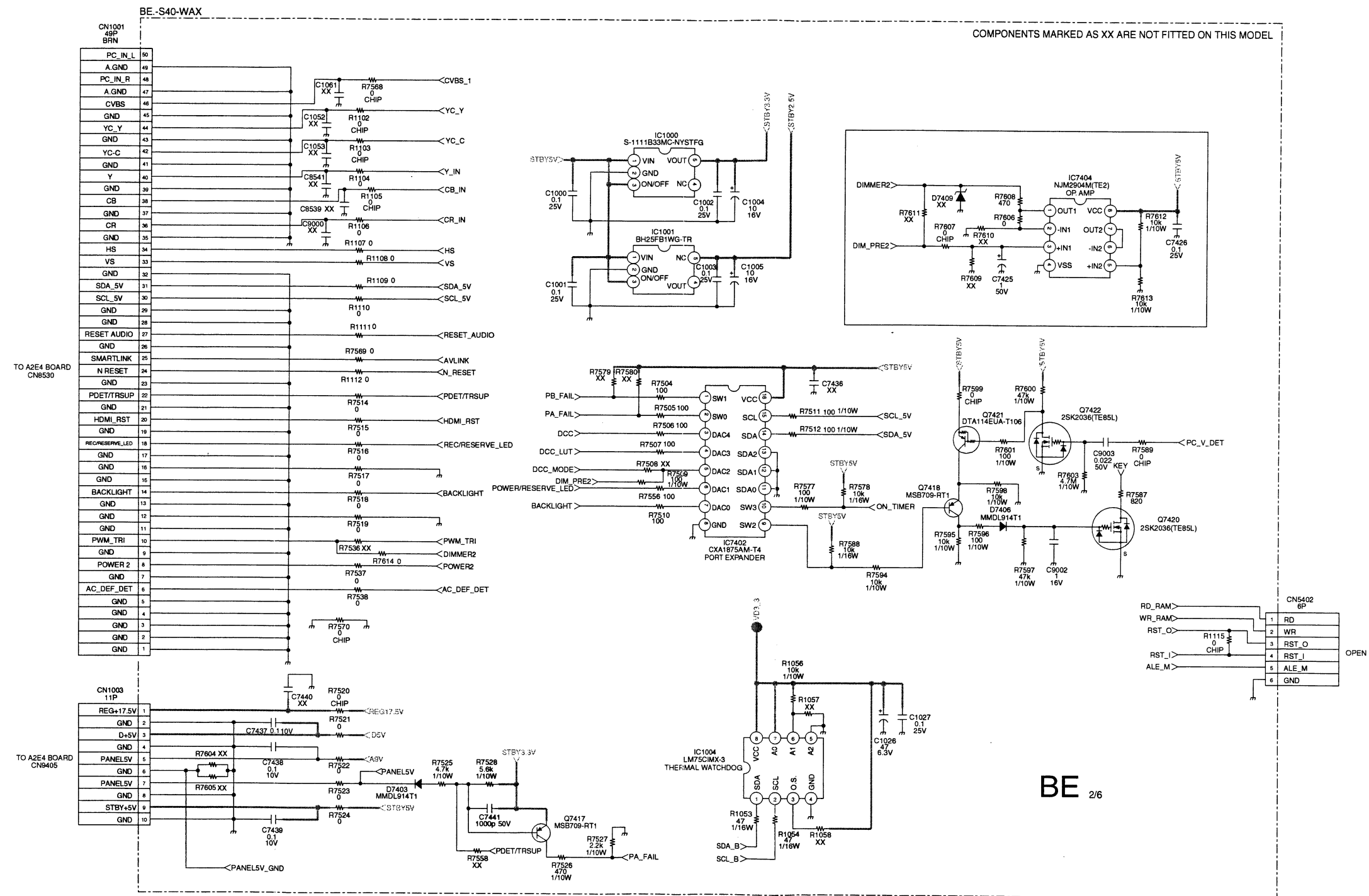
~ A2E4 Board Difference Table ~

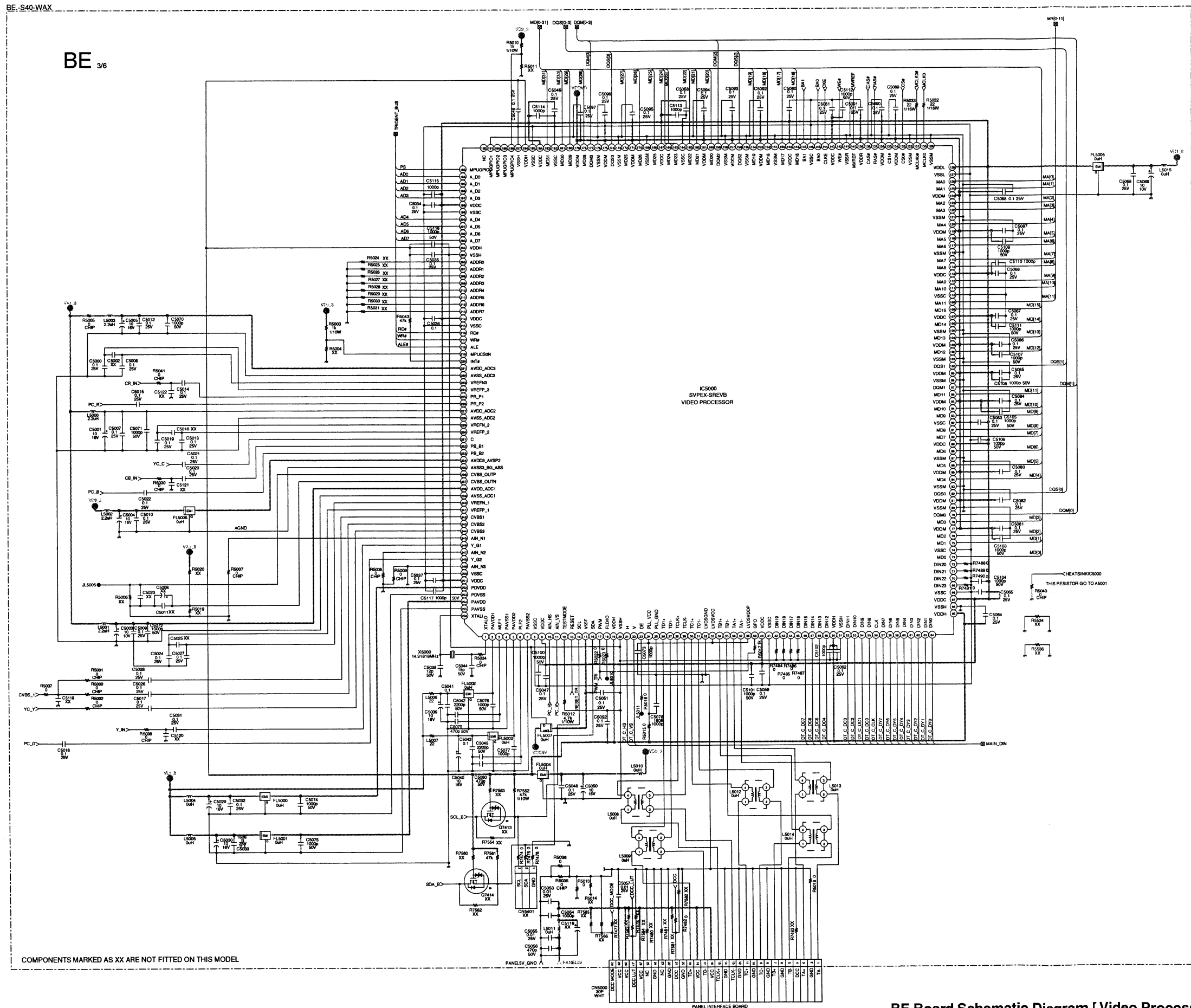
Ref	KLV-S40A10E	KDL-S40A11E & KDL-S40A12U
CN8550	NOT FITTED	4P
CN8551	NOT FITTED	12P
D6014	NOT FITTED	MMDL914T1
D8412	NOT FITTED	UDZ-TE-17-6.2B
R6045	NOT FITTED	0
R8002	100k 5% 1/10W	NOT FITTED
R8560	NOT FITTED	0
R8561	NOT FITTED	0
R8562	NOT FITTED	0
R8563	NOT FITTED	0

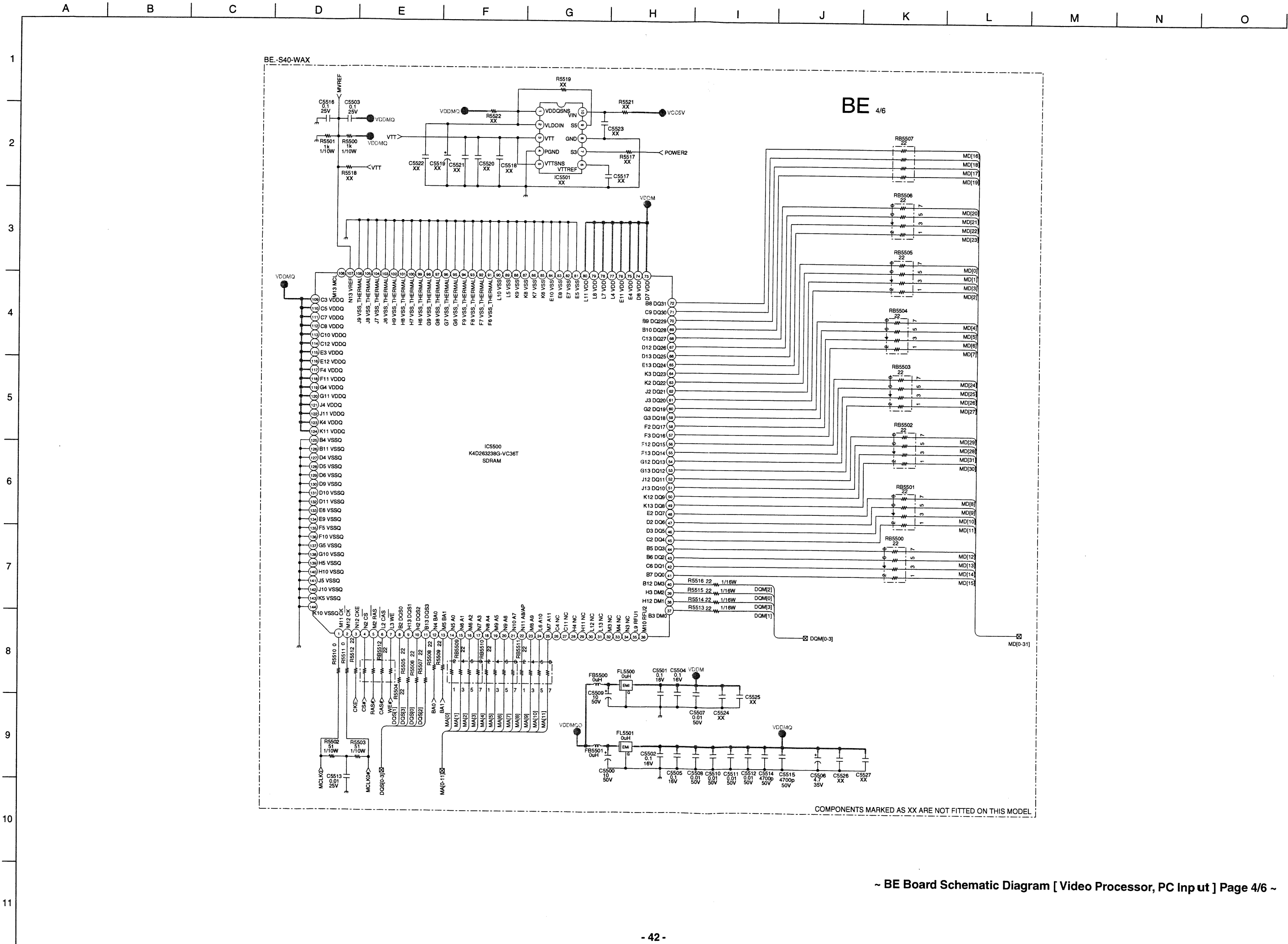


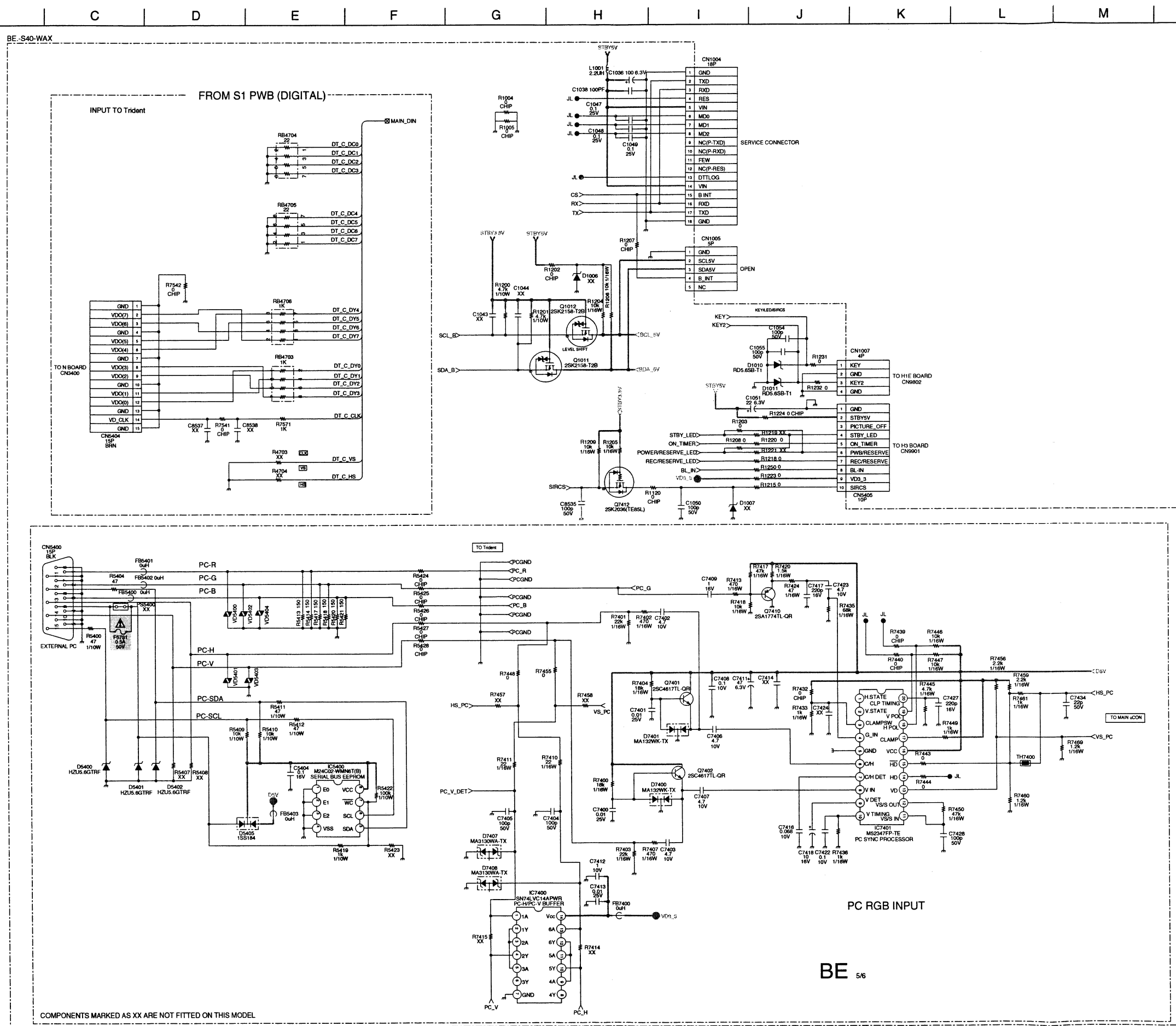


A B C D E F G H I J K L M N O

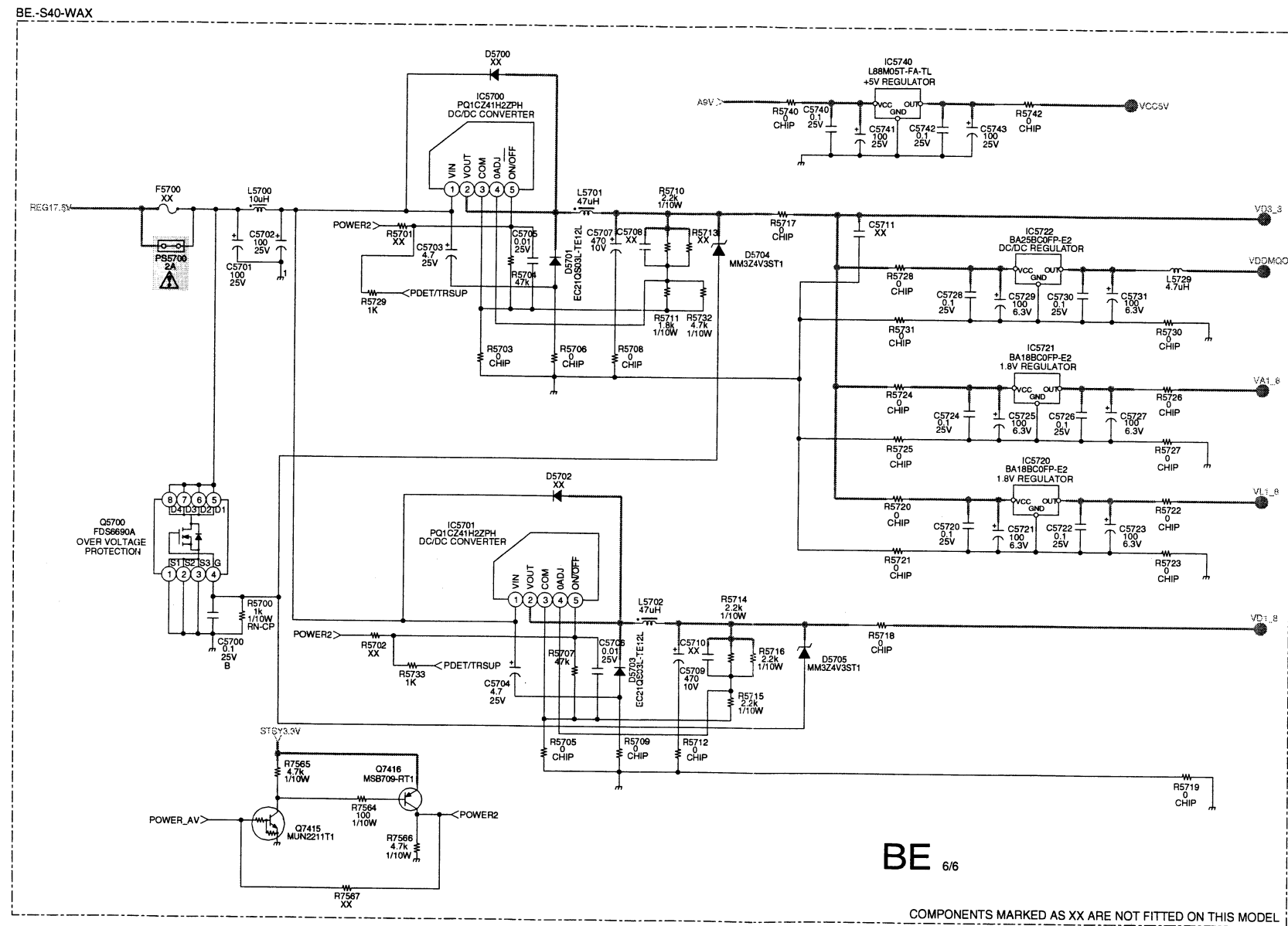




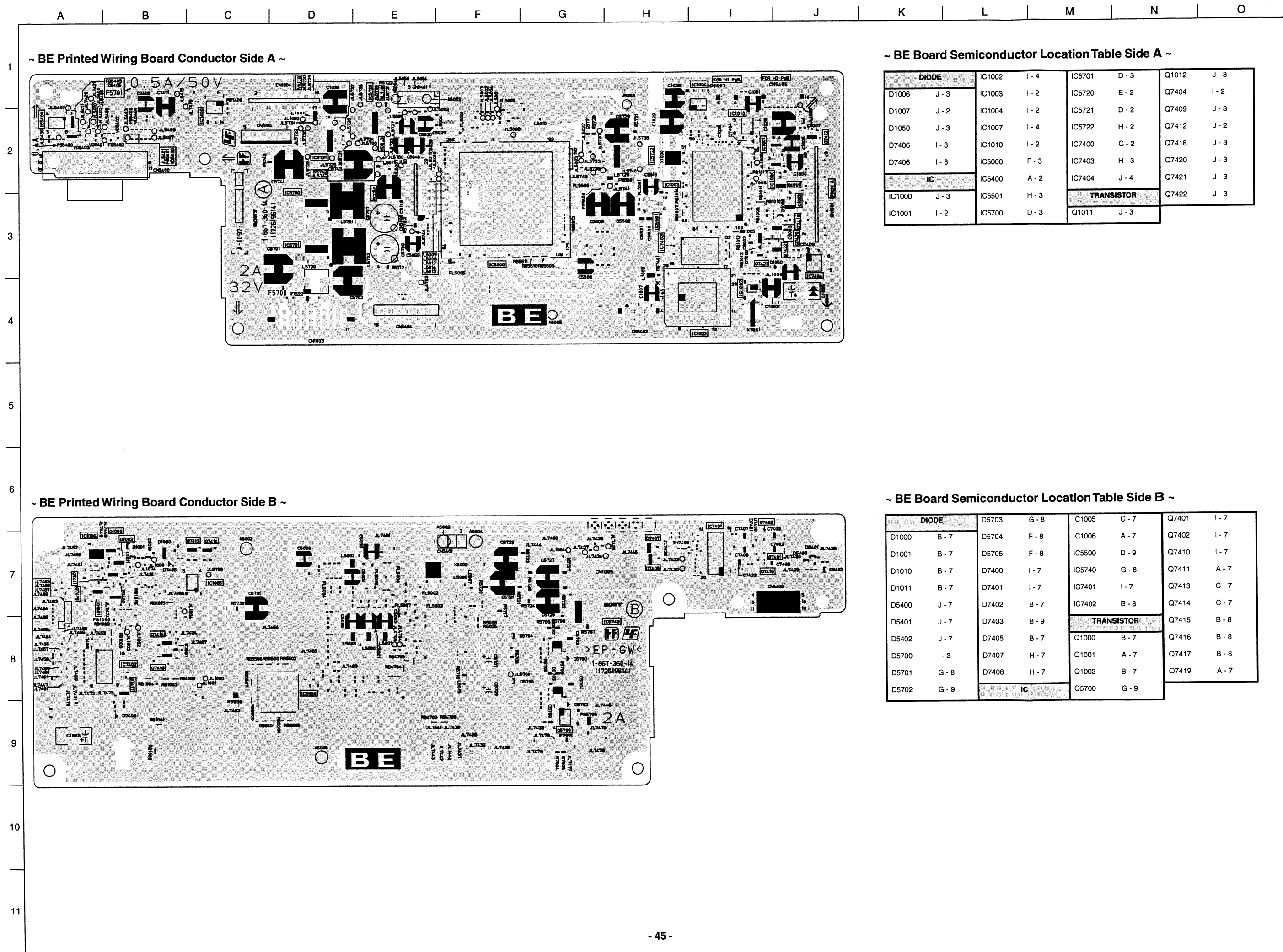




~ BE Board Schematic Diagram [ Video Processor, PC Input ] Page 5/6 ~



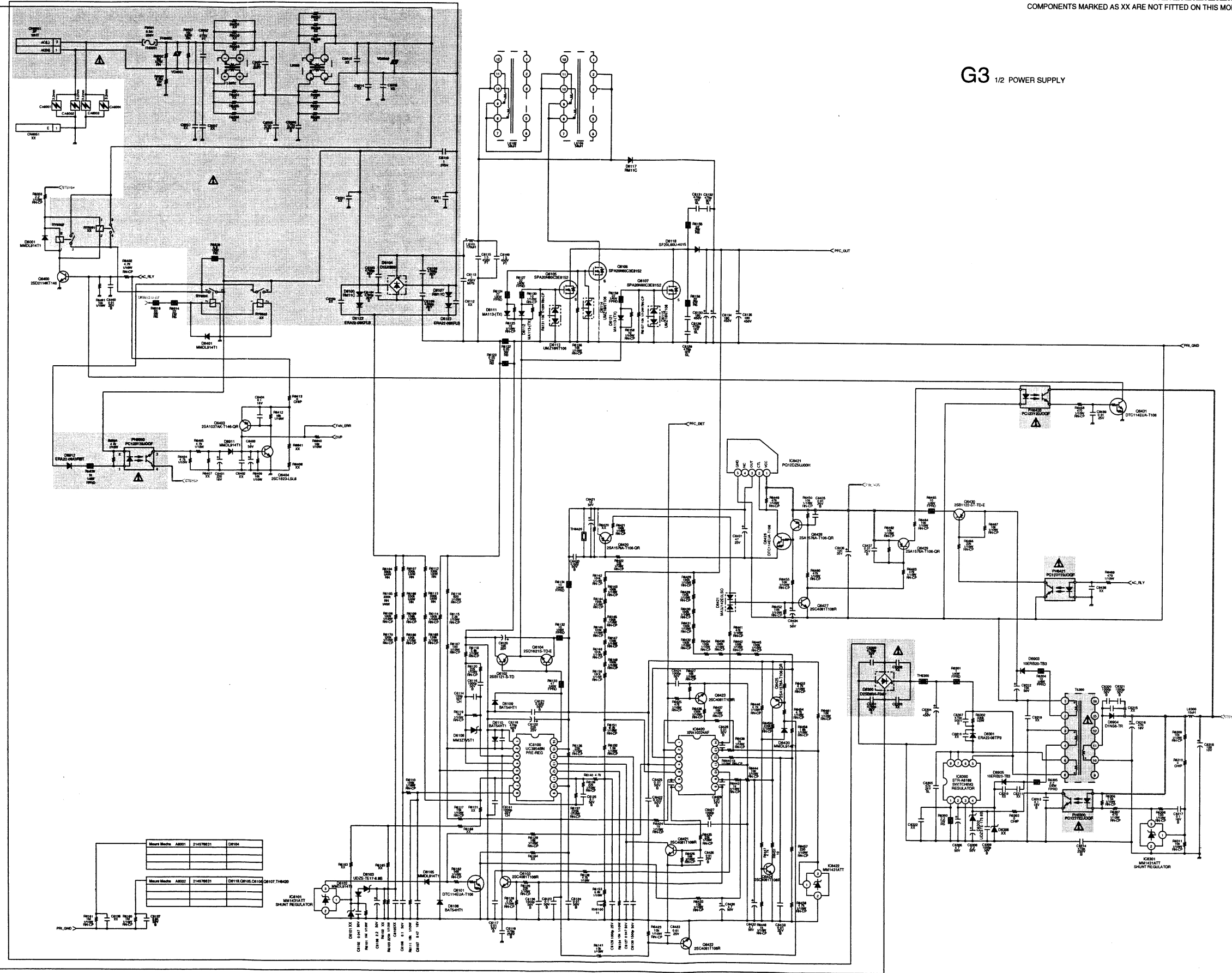




G3 -S40-WAX

COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

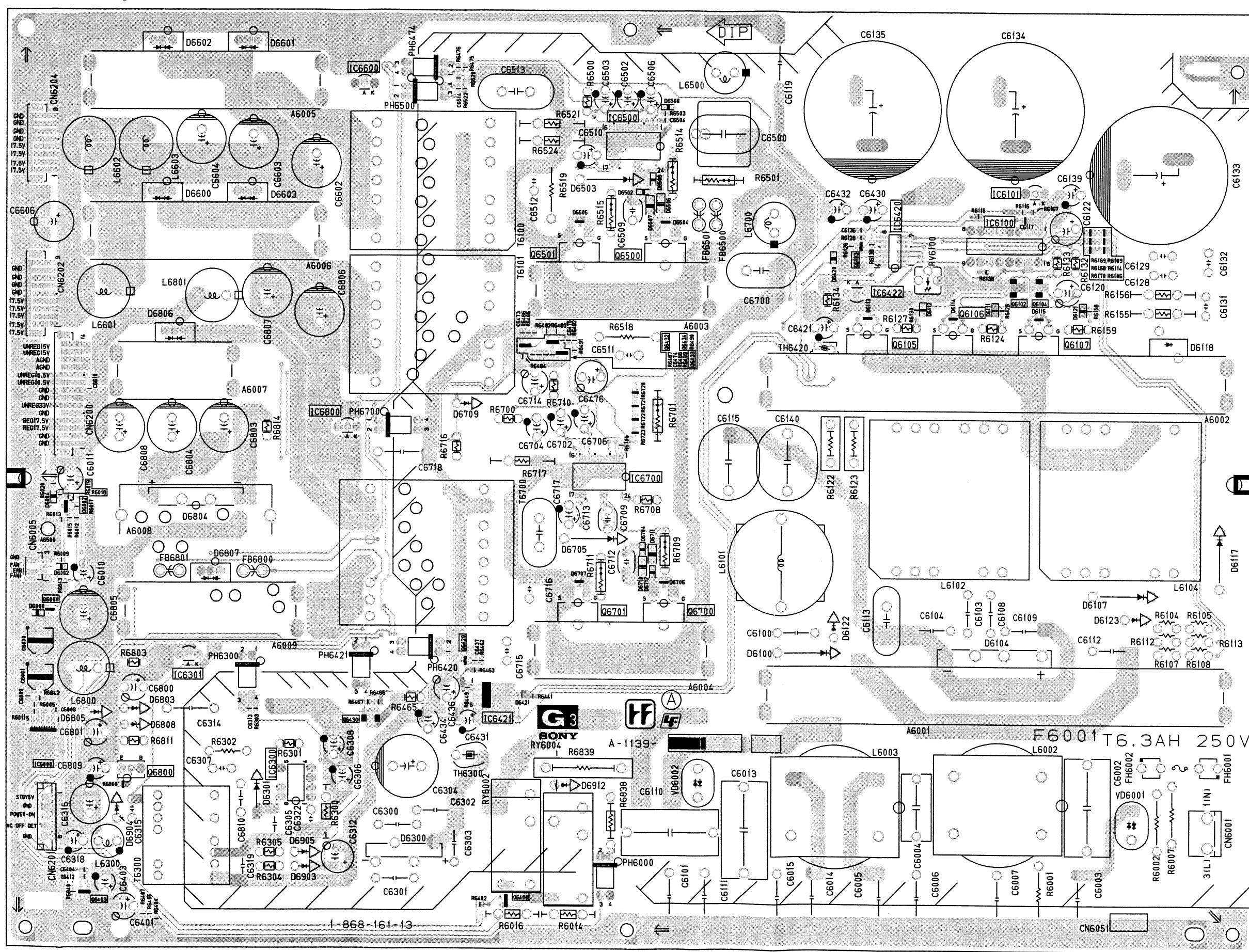
G3 1/2 POWER SUPPLY







~ G3 Printed Wiring Board Conductor Side A ~

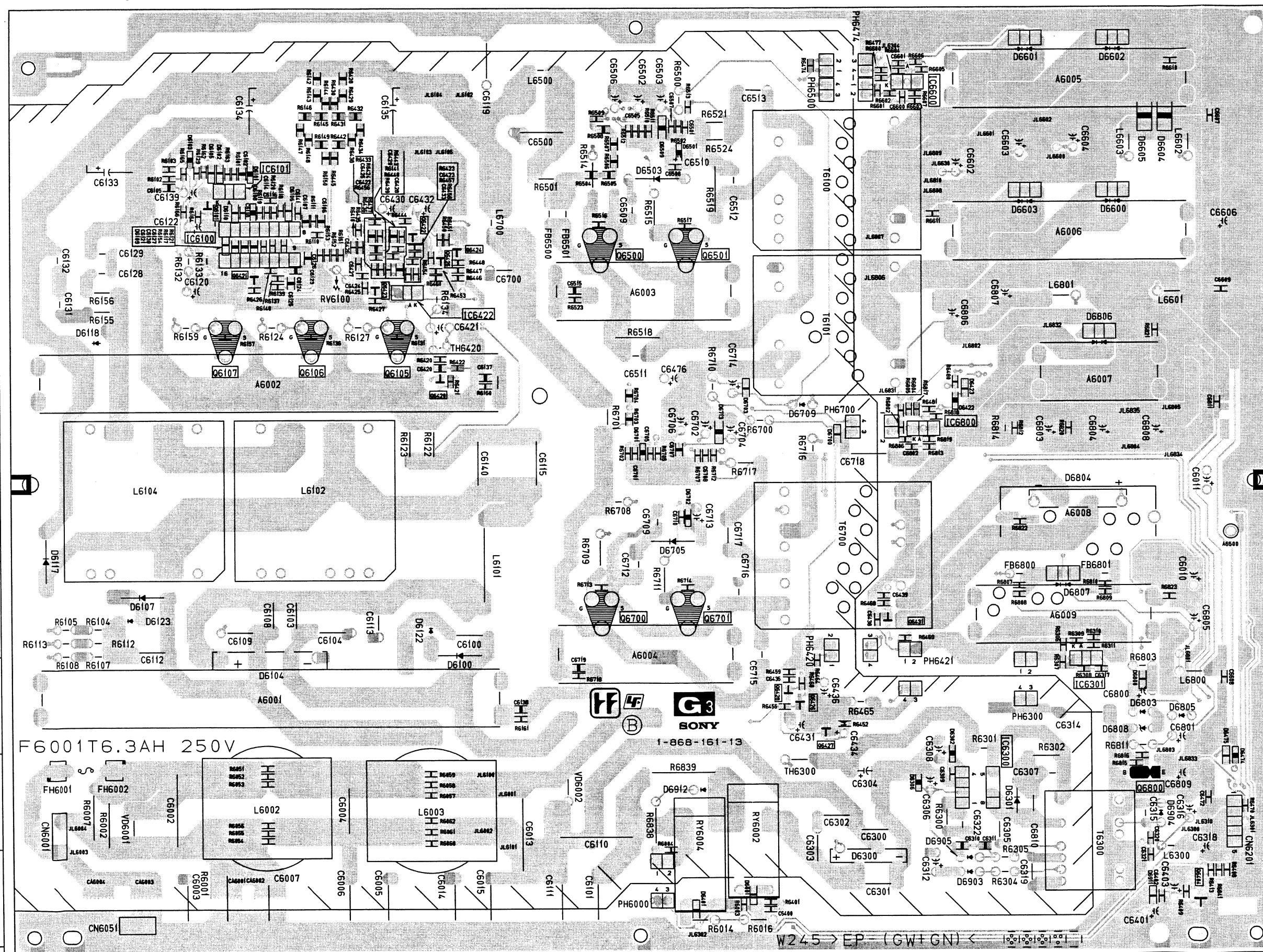


~ G3 Board Semiconductor Location Table Side A ~

DIODE		D6804	C - 6
D6000	A - 7	D6805	A - 8
D6002	A - 7	D6806	B - 4
D6004	A - 6	D6807	C - 6
D6100	I - 8	D6808	B - 8
D6104	F - 1	D6903	D - 10
D6107	K - 7	D6904	B - 9
D6111	K - 4	D6905	D - 10
D6112	J - 4	D6912	G - 9
D6113	J - 4	IC	
D6114	K - 4	IC6100	K - 3
D6115	K - 4	IC6101	K - 3
D6117	M - 7	IC6300	C - 9
D6118	M - 4	IC6301	C - 8
D6121	L - 4	IC6420	J - 3
D6122	I - 7	IC6421	F - 8
D6123	L - 7	IC6422	J - 4
D6300	E - 10	IC6500	G - 2
D6301	C - 9	IC6600	D - 1
D6420	I - 4	IC6700	G - 6
D6421	F - 8	IC6800	D - 5
D6500	H - 2	TRANSISTOR	
D6502	G - 3	Q6001	A - 7
D6503	G - 3	Q6002	A - 6
D6504	H - 3	Q6102	K - 4
D6505	G - 3	Q6103	J - 3
D6506	H - 3	Q6104	K - 4
D6507	G - 3	Q6105	J - 4
D6508	G - 3	Q6106	K - 4
D6600	C - 3	Q6107	L - 4
D6601	C - 1	Q6400	F - 10
D6602	C - 2	Q6403	A - 10
D6603	C - 3	Q6429	E - 8
D6704	G - 6	Q6430	D - 8
D6705	F - 7	Q6432	H - 4
D6706	H - 7	Q6433	H - 5
D6707	G - 7	Q6434	H - 4
D6709	E - 5	Q6500	G - 3
D6710	G - 7	Q6501	F - 3
D6711	G - 6	Q6700	H - 7
D6712	G - 7	Q6701	G - 7
D6803	B - 8	Q6800	B - 9

~ G3 Printed Wiring Board Conductor Side B ~

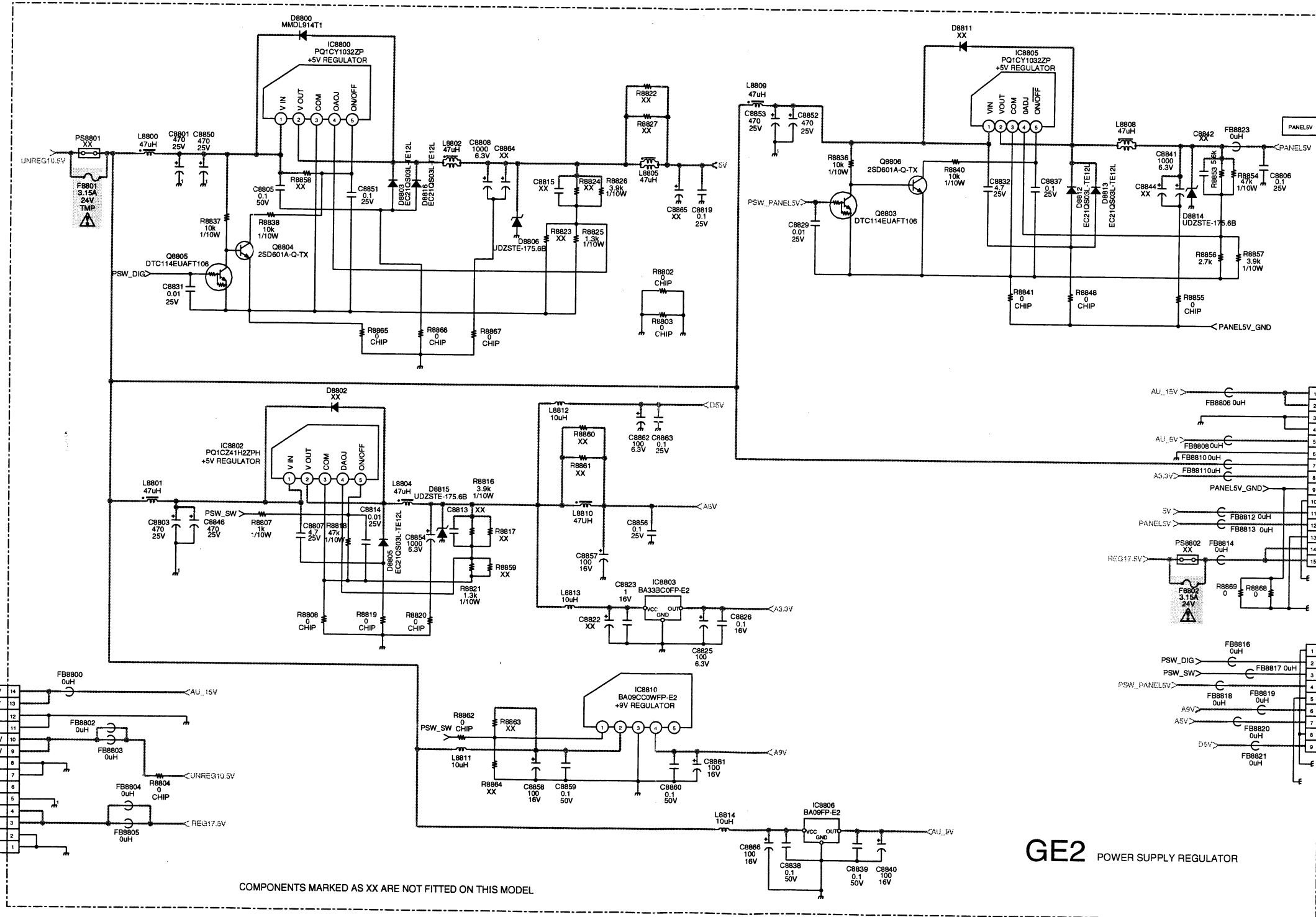
~ G3 Board Semiconductor Location Table Side B ~



DIODE		IC	
D6001	H - 10	D6713	H - 5
D6100	E - 8	D6800	L - 8
D6101	C - 3	D6803	L - 8
D6102	C - 2	D6804	L - 6
D6103	B - 2	D6805	M - 8
D6104	C - 8	D6806	L - 4
D6105	C - 2	D6807	L - 7
D6106	D - 3	D6808	L - 8
D6107	B - 7	D6903	J - 10
D6108	C - 3	D6904	M - 9
D6109	B - 3	D6905	J - 10
D6110	C - 3	D6911	L - 10
D6117	A - 6	D6912	G - 9
D6118	A - 4	IC	
D6122	E - 7	IC6101	C - 2
D6123	B - 7	IC6300	K - 8
D6300	I - 10	IC6301	L - 8
D6301	K - 9	IC6422	E - 4
D6302	J - 8	IC6600	J - 2
D6306	J - 9	IC6800	J - 5
D6401	H - 10	TRANSISTOR	
D6422	K - 5	Q6101	C - 3
D6423	K - 5	Q6105	E - 5
D6474	M - 8	Q6106	D - 5
D6475	M - 8	Q6107	C - 5
D6501	H - 2	Q6404	M - 10
D6503	G - 3	Q6420	E - 5
D6509	G - 2	Q6421	C - 4
D6600	L - 3	Q6422	E - 3
D6601	K - 1	Q6423	D - 4
D6602	L - 1	Q6424	E - 3
D6603	K - 3	Q6425	E - 3
D6604	M - 2	Q6426	I - 8
D6605	L - 2	Q6427	I - 8
D6700	I - 5	Q6428	I - 8
D6701	G - 5	Q6431	J - 7
D6702	H - 6	Q6500	G - 3
D6703	H - 5	Q6501	H - 3
D6705	G - 6	Q6700	G - 7
D6709	I - 5	Q6701	H - 7
		Q6800	L - 9



GE2-S40-WAX

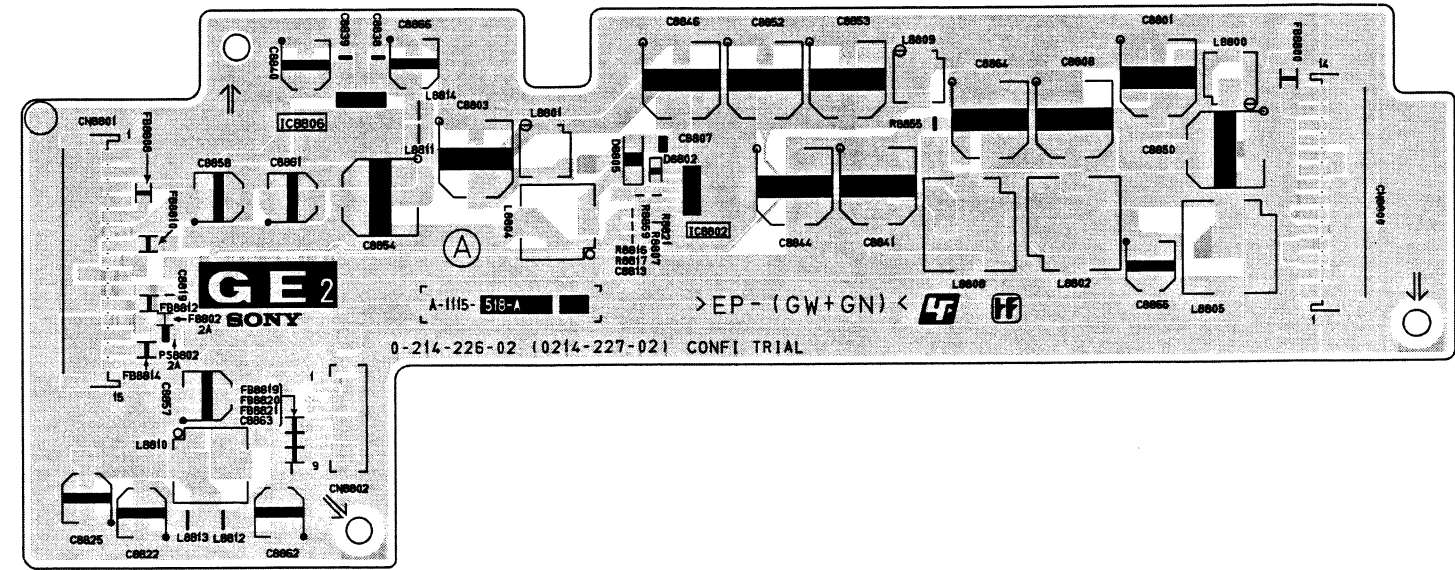


GE2 POWER SUPPLY REGULATOR

~ GE2 Board Schematic Diagram [ Power Supply Regulator ] ~

A B C D E F G H I J K L M N O

~ GE2 Printed Wiring Board Conductor Side A ~



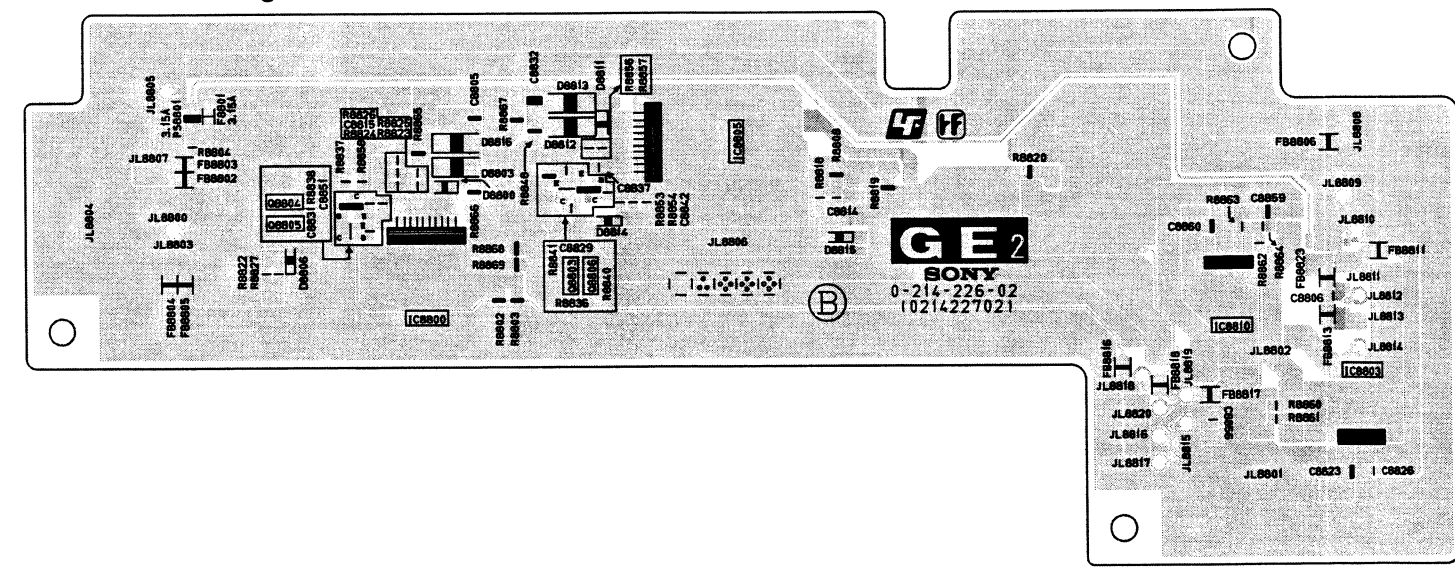
~ GE2 Board Semiconductor Location Table Side A ~

DIODE	
D8802	D - 2
D8805	D - 2
IC	
IC8802	E - 2
IC8806	B - 2

~ GE2 Board IC Voltage Table ~

Ref No	Pin No	Volts (V)
IC8802	1	12.0
	2	5.1
	3	0
	4	1.3
	5	4.7

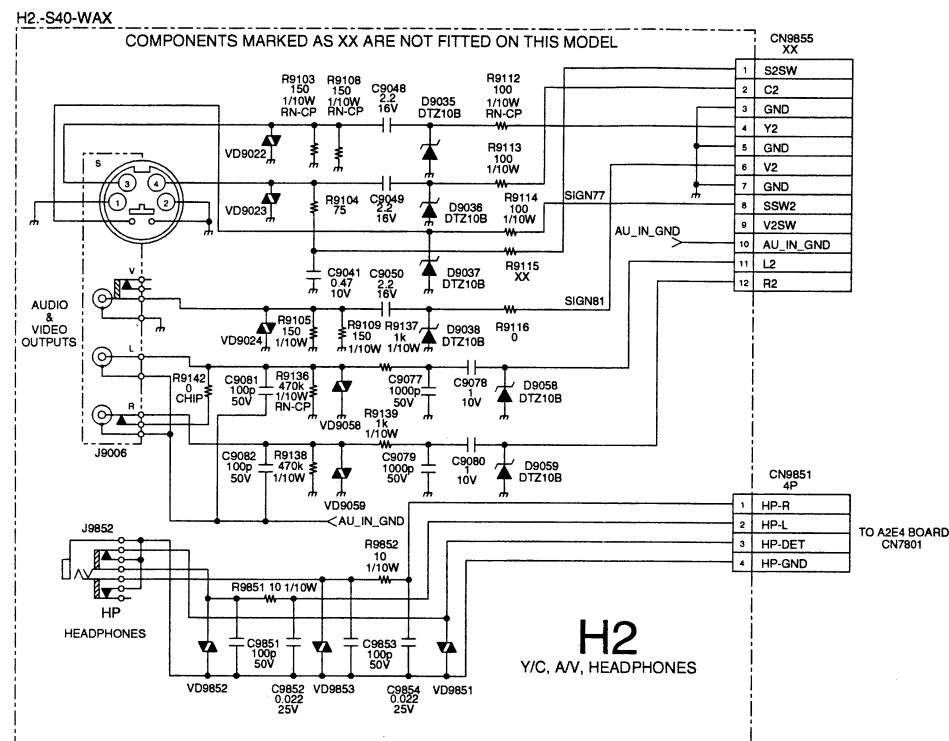
~ GE2 Printed Wiring Board Conductor Side B ~



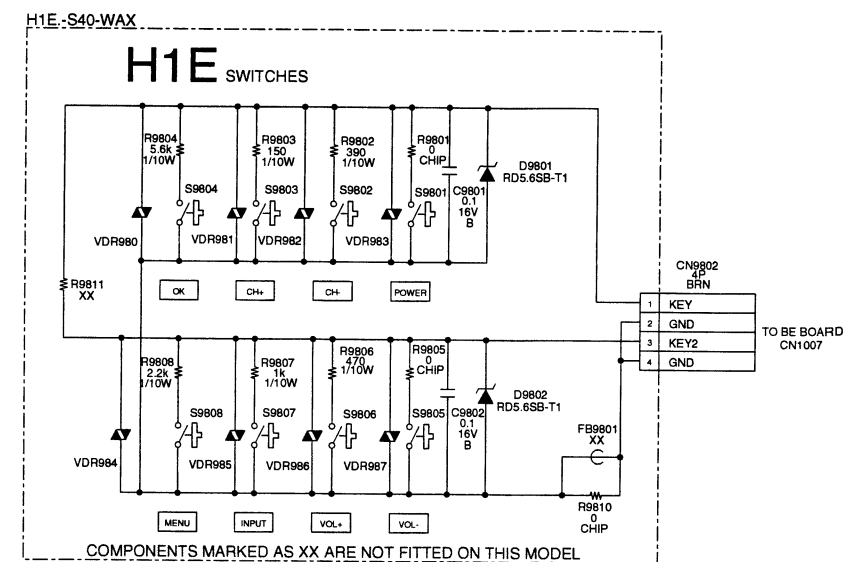
~ GE2 Board Semiconductor Location Table Side B ~

DIODE	
D8800	C - 8
D8803	C - 8
D8806	B - 8
D8811	D - 7
D8812	D - 7
D8813	D - 7
D8814	D - 8
D8815	E - 8
D8816	C - 8
IC	
IC8800	C - 8
IC8803	H - 9
IC8805	D - 8
IC8810	G - 8
TRANSISTOR	
Q8803	D - 8
Q8804	B - 8
Q8805	B - 8
Q8806	D - 8

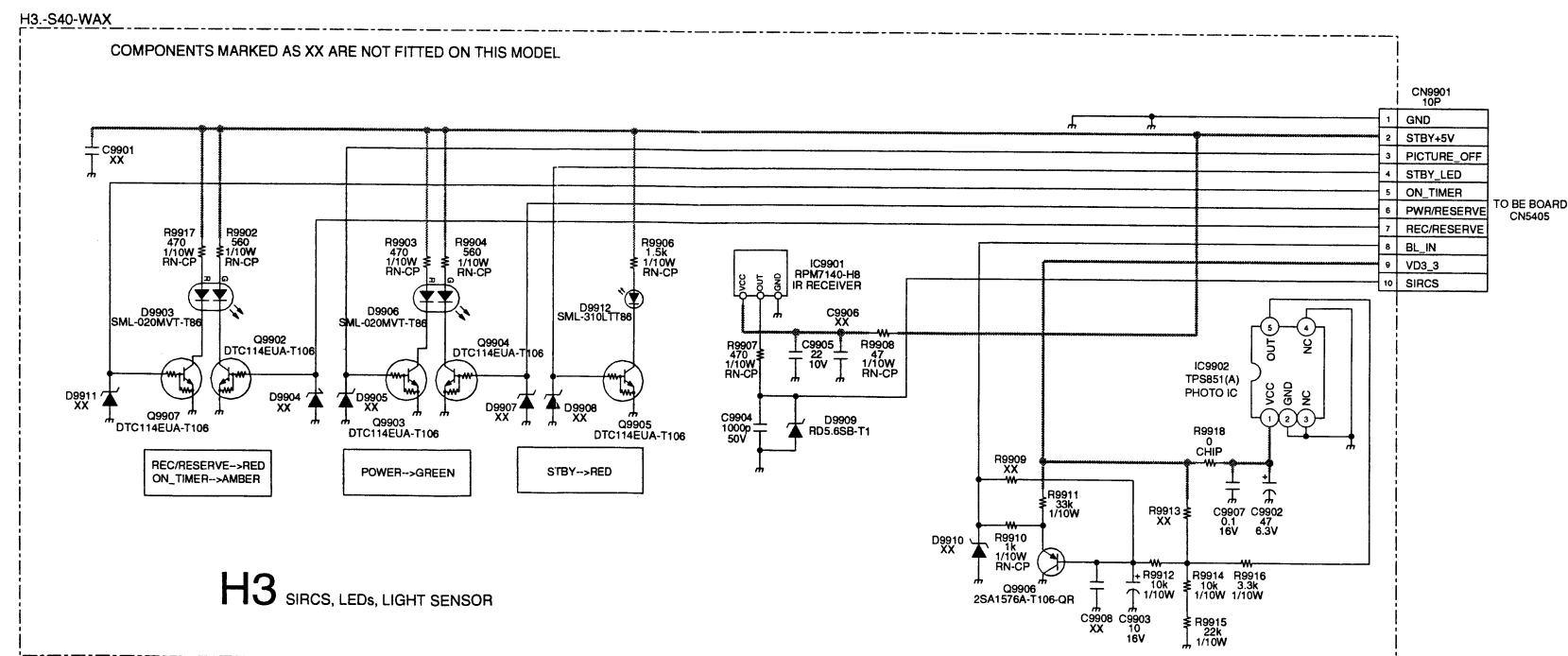
## ~ H2 Board Schematic Diagram [ Y/C, AV, Headphones ] ~



## ~ H1E Board Schematic Diagram [ Switches ] ~



## ~ H3 Board Schematic Diagram [ Sircs, Leds, Light Sensor ] ~





2



4 |



6



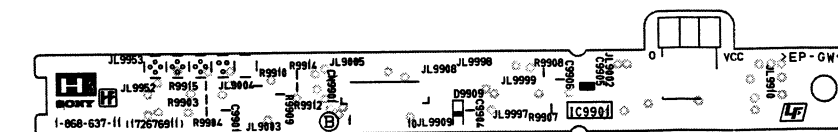
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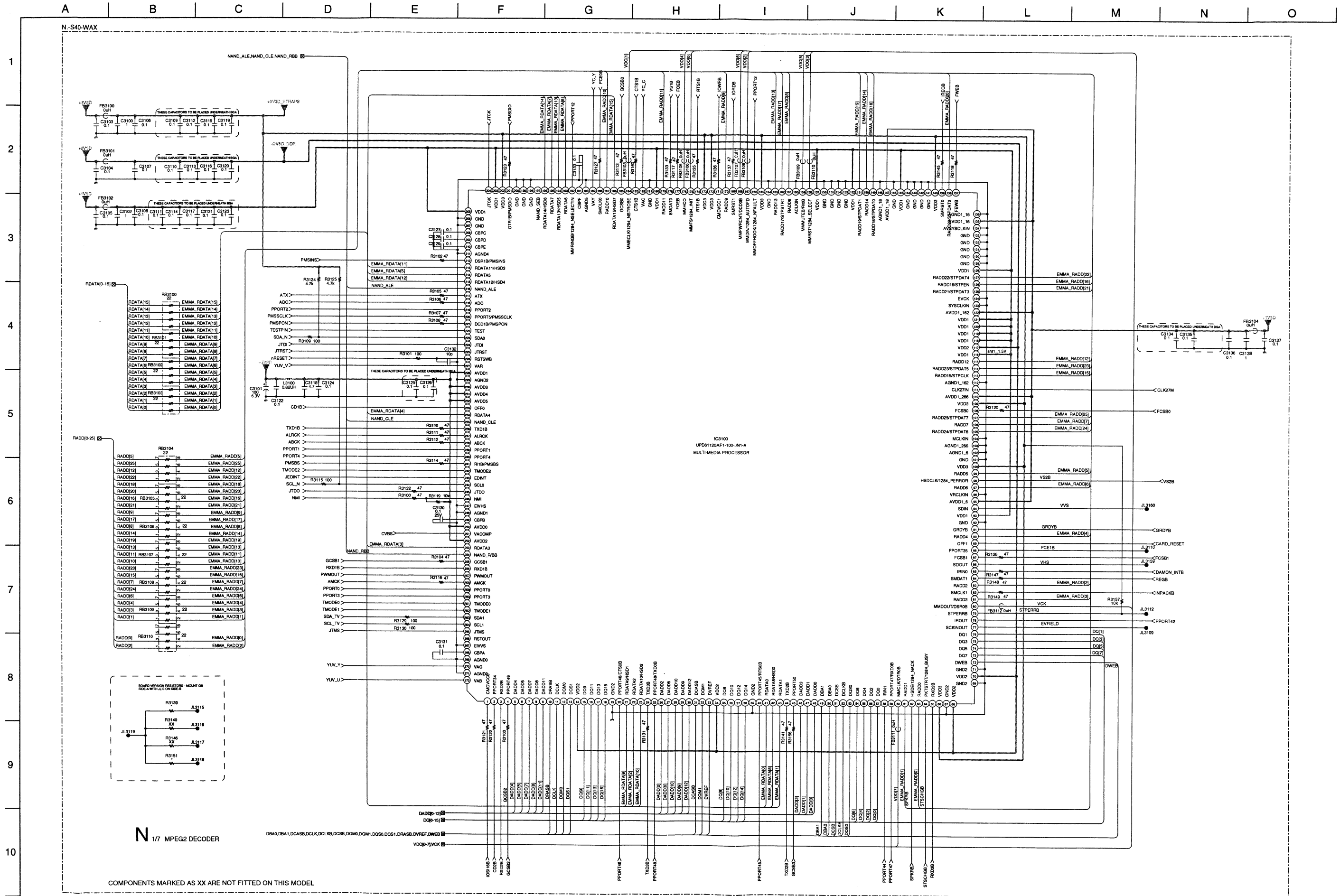


1



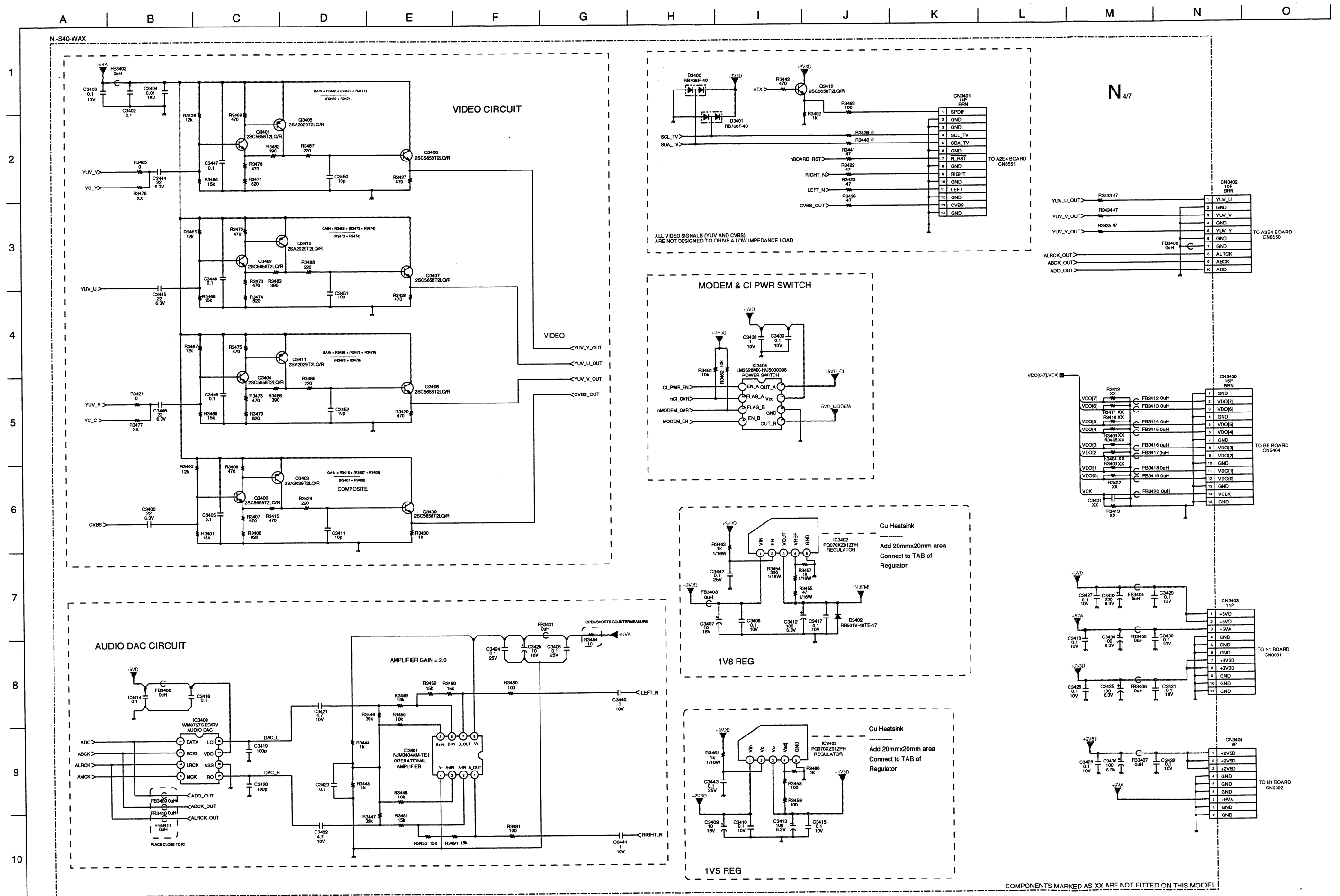
11

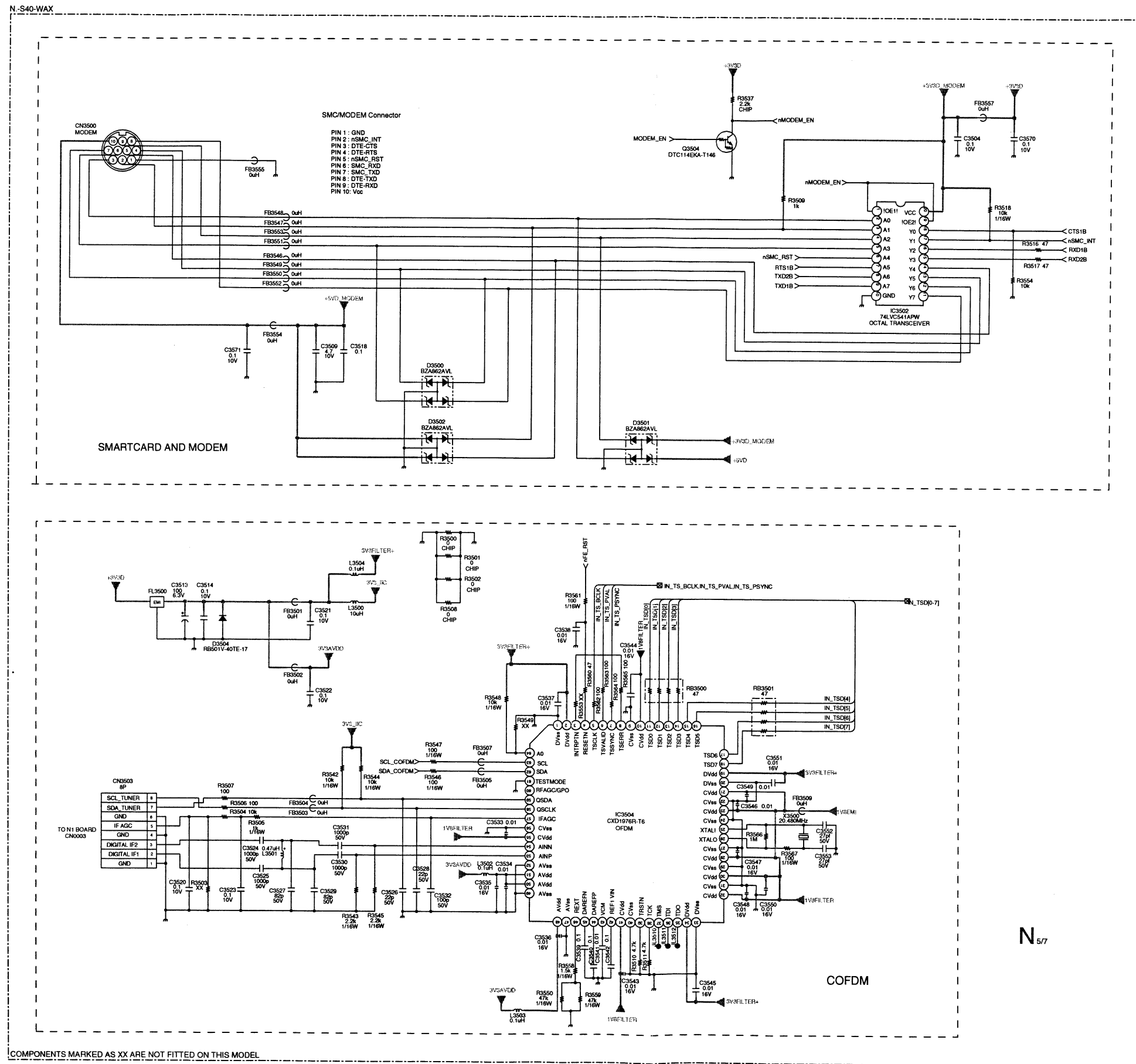


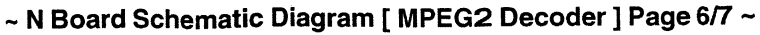




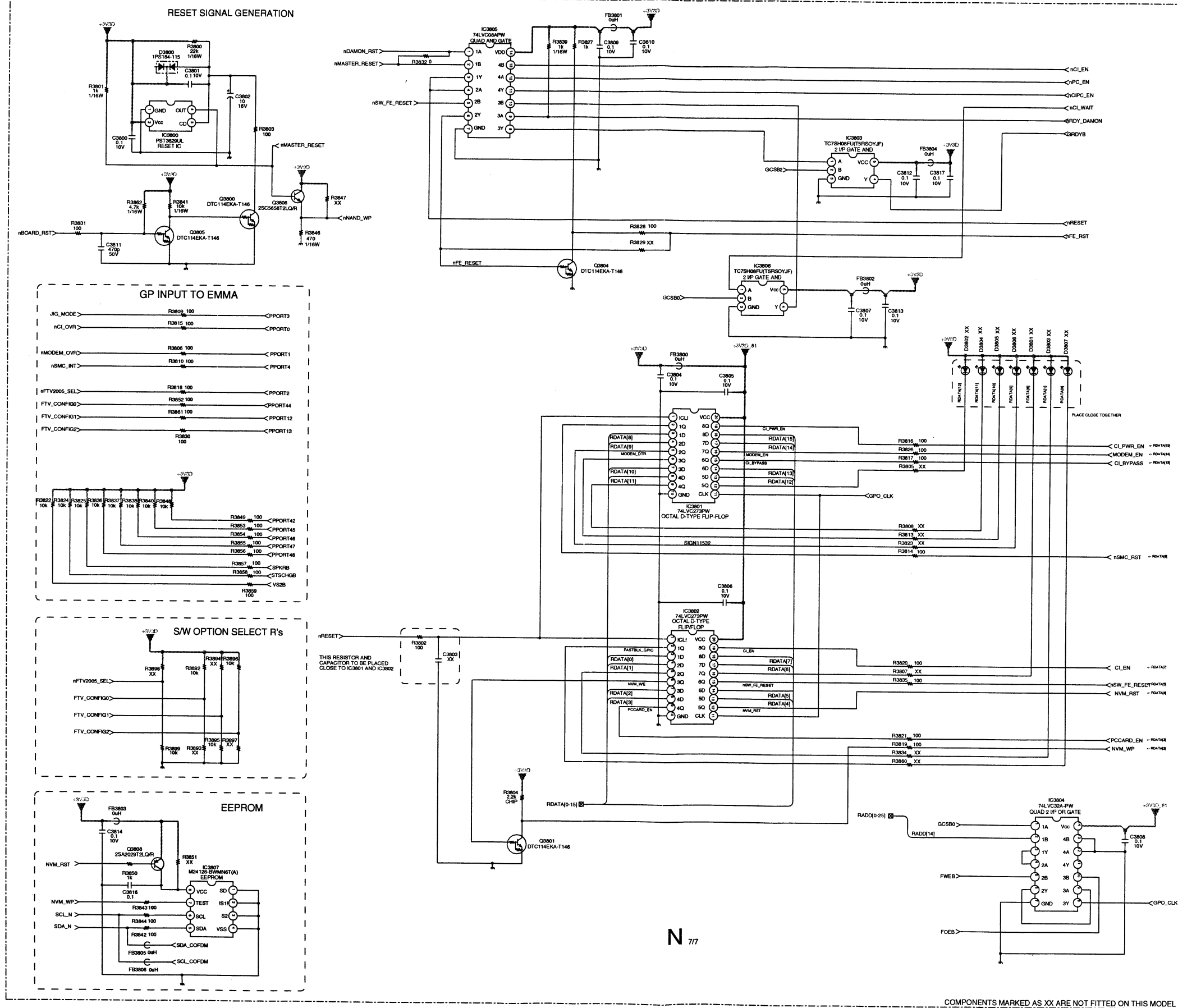








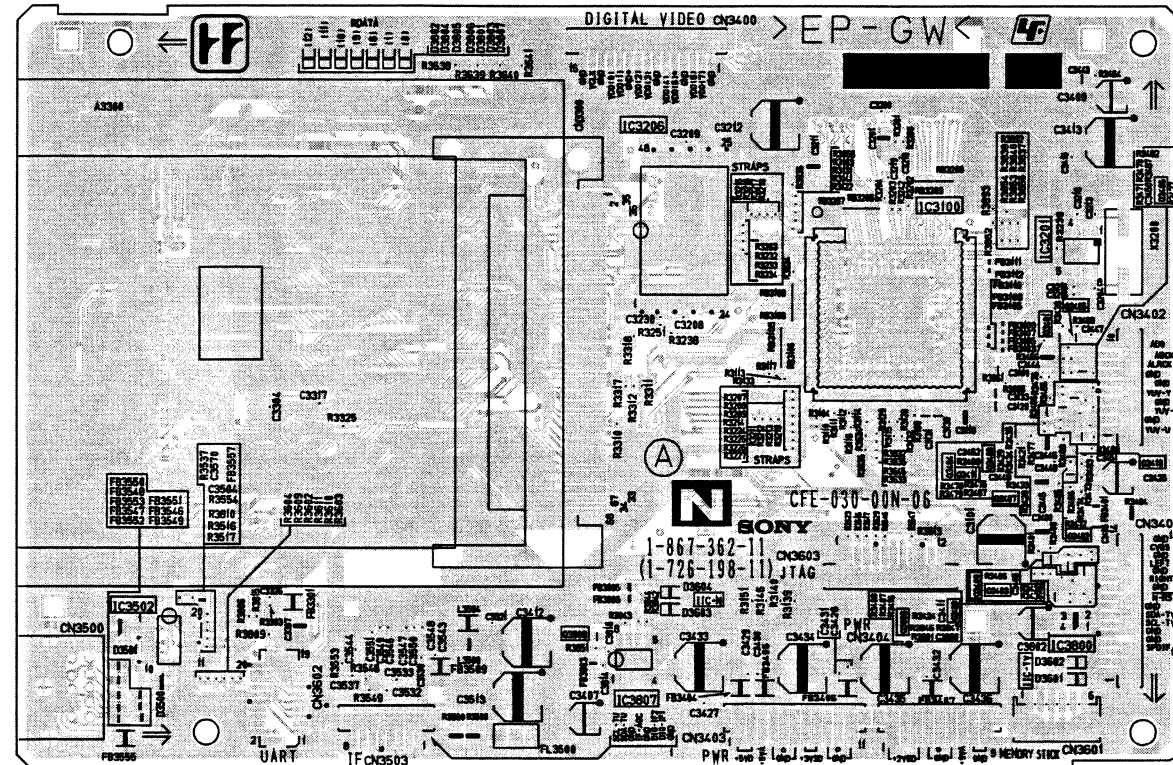
N-S40-WAX



COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL



~ N Printed Wiring Board Conductor Side A ~



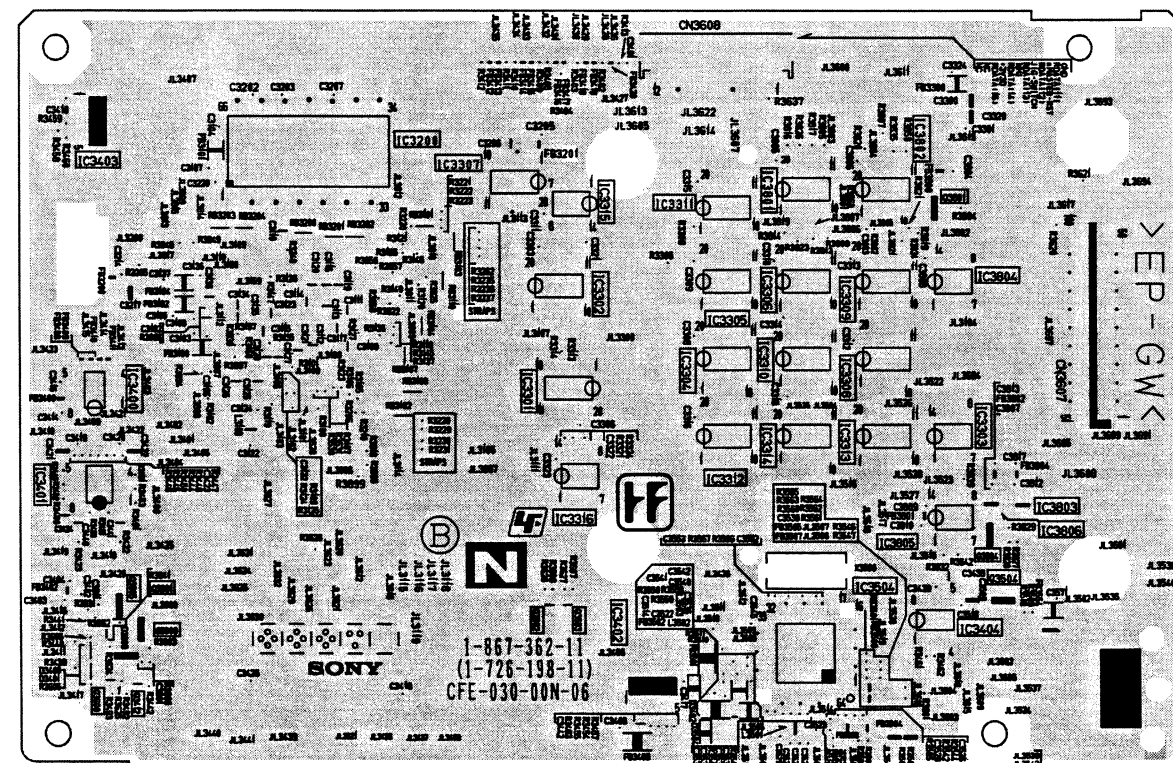
~ N Board Semiconductor Location Table Side A ~

DIODE						TRANSISTOR					
D3501	B - 4	D3801	D - 1	D3805	D - 1	IC3201	G - 2	Q3404	G - 4	Q3409	G - 4
D3601	G - 5	D3802	D - 1	D3806	D - 1	IC3205	E - 2	Q3405	G - 3	Q3410	H - 4
D3602	G - 5	D3803	D - 1	D3807	D - 1	IC3502	B - 4	Q3406	H - 2	Q3411	G - 4
D3603	E - 4	D3804	D - 1	IC		IC3800	G - 4	Q3407	G - 4	Q3806	F - 4
				IC3100	G - 2	IC3807	E - 5	Q3408	E - 4	Q3808	E - 4

~ N Board Difference Table ~

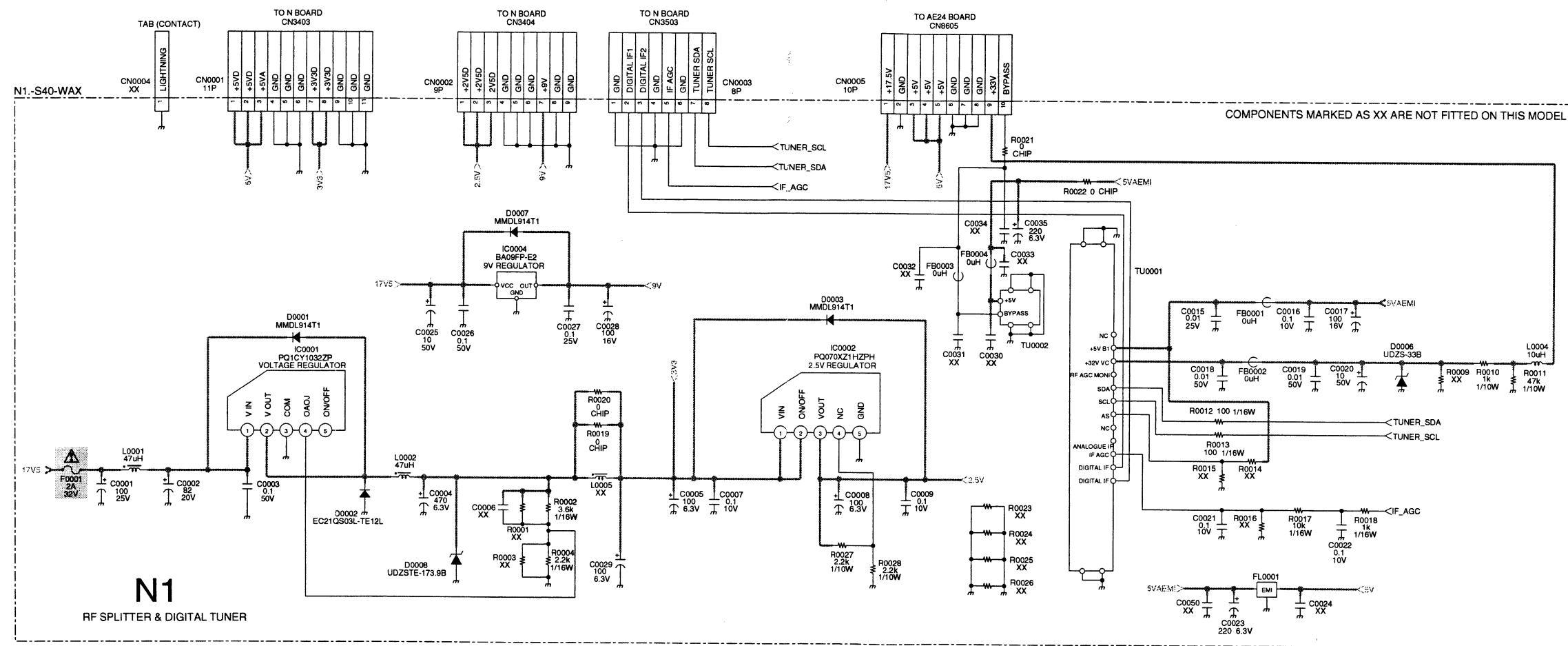
Ref.	KDL-S40A11E	KDL-S40A12U
R3139	NOT FITTED	0
R3151	0	NOT FITTED

~ N Printed Wiring Board Conductor Side B ~



~ N Board Semiconductor Location Table Side B ~

DIODE						TRANSISTOR					
D3400	B - 10	IC3301	D - 9	IC3308	F - 8	IC3315	D - 8	IC3504	F - 10	Q3412	B - 10
D3401	B - 10	IC3302	D - 8	IC3309	F - 8	IC3316	D - 9	IC3801	E - 8	Q3504	G - 10
D3402	E - 10	IC3303	G - 9	IC3310	F - 8	IC3400	B - 9	IC3802	F - 7	Q3800	B - 10
D3504	E - 10	IC3304	E - 8	IC3311	E - 8	IC3401	B - 9	IC3803	G - 9	Q3801	G - 8
IC		IC3305	E - 8	IC3312	E - 9	IC3402	E - 10	IC3804	G - 8	Q3804	G - 9
IC3200	D - 7	IC3306	F - 8	IC3313	F - 9	IC3403	B - 7	IC3805	F - 9	Q3805	B - 10
		IC3307	D - 7	IC3314	E - 9	IC3404	G - 10	IC3806	G - 9		

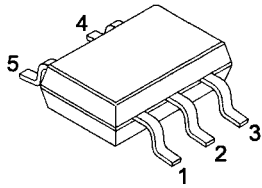


~ N1 Board Schematic Diagram [ RF Splitter and Digital Tuner ] ~

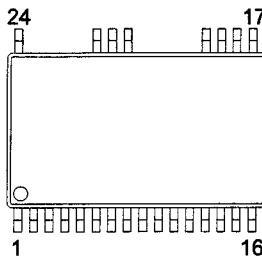


#### 4-4. SEMICONDUCTORS

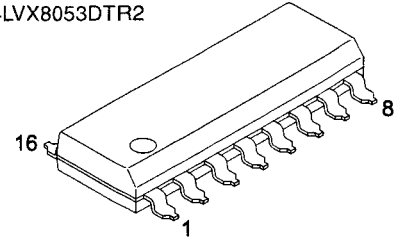
74LVC00-PW  
74LVC08APW  
74LVC14APW  
74LVC273PW  
74LVC32A-PW  
74LVC541APW



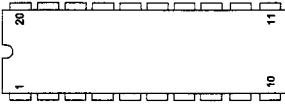
CXD9841M



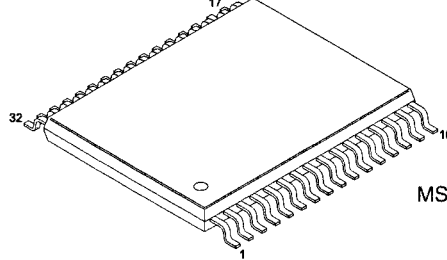
MC74LVX8053DTR2



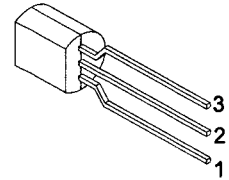
74LVT245PW



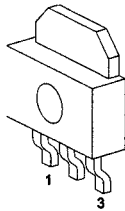
K6F2008V2E-LF70000



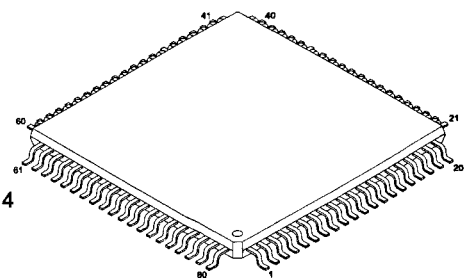
MM1431ATT



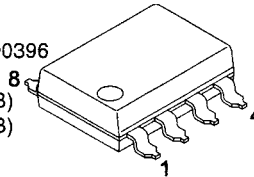
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BA09FP-E2  
BA18BC0FP-E2  
BA25BC0FP-E2  
BA33BC0FP-E2



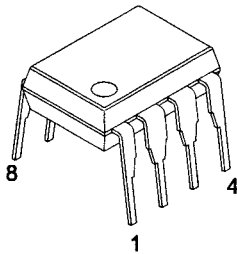
MSP4411K-QA-D5-001



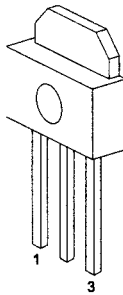
KA5SDKASO1TSL  
LM3526MX-H/J5000396  
LM75CIMX-3  
M24C02-WMN6T(B)  
M24C32-WMN6T(B)



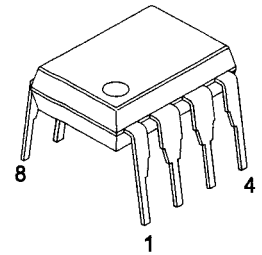
BA7046F



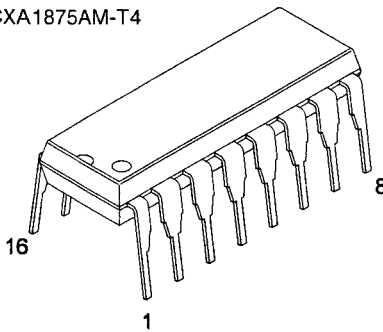
L88M05T-FA-TL



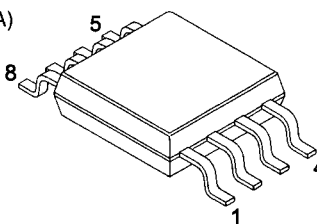
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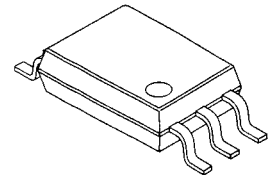
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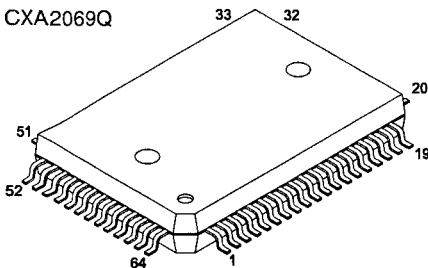
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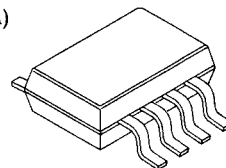
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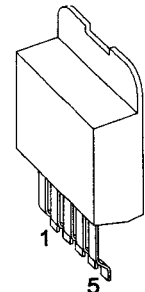
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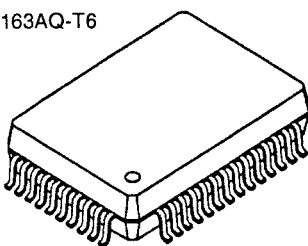
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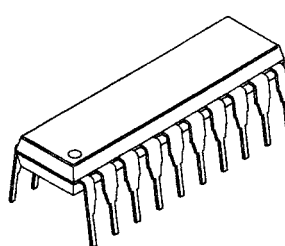
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PQ070XZ1HZPH  
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PQ1CZ41H2ZPH



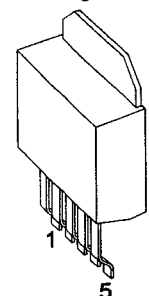
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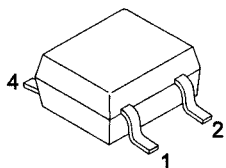
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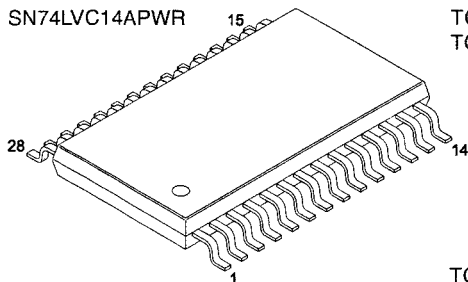
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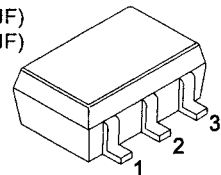
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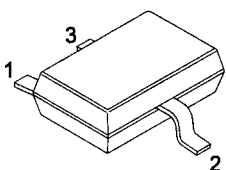
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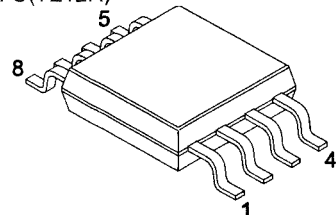
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TC7SH08FU(T5RSOYJF)



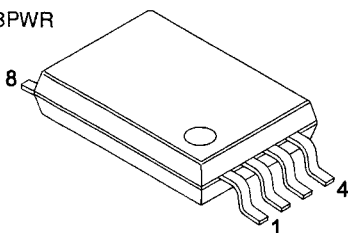
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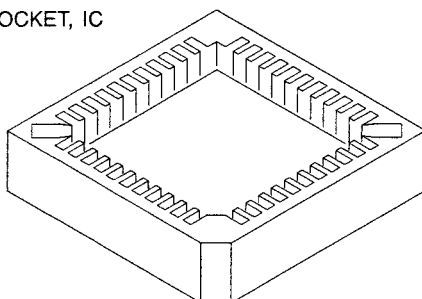
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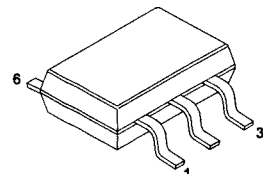
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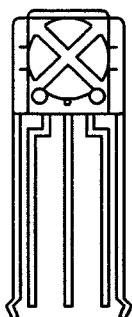
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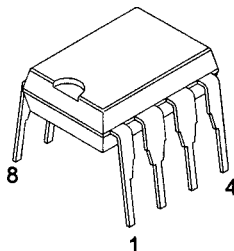
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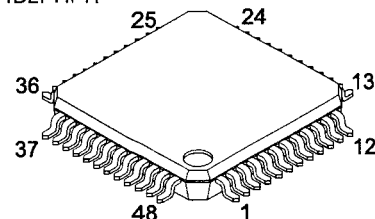
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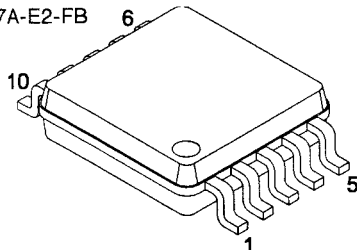
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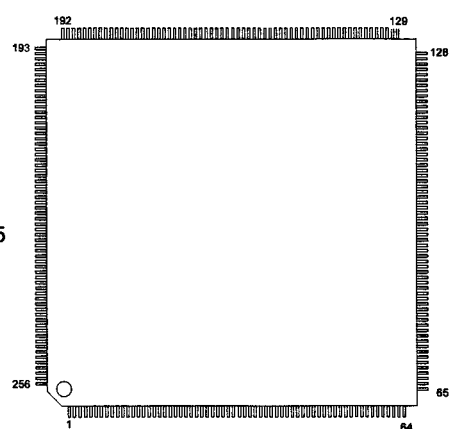
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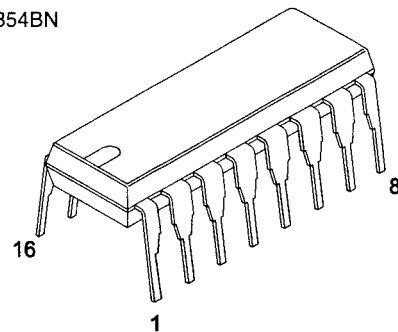
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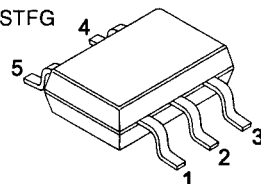
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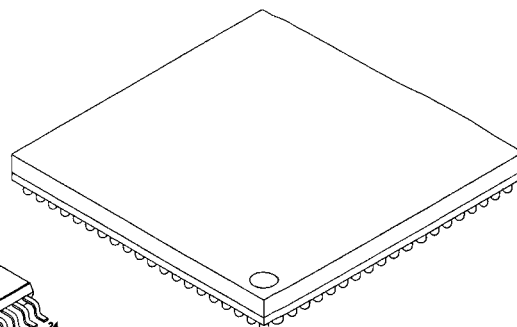
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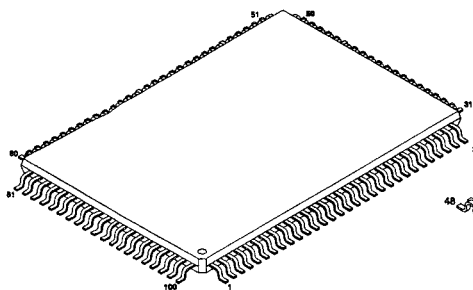
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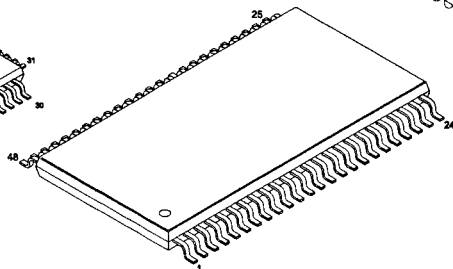
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SDA5550M-QB-T



TC58DVM72A1TG00



## SECTION 5 EXPLODED VIEWS

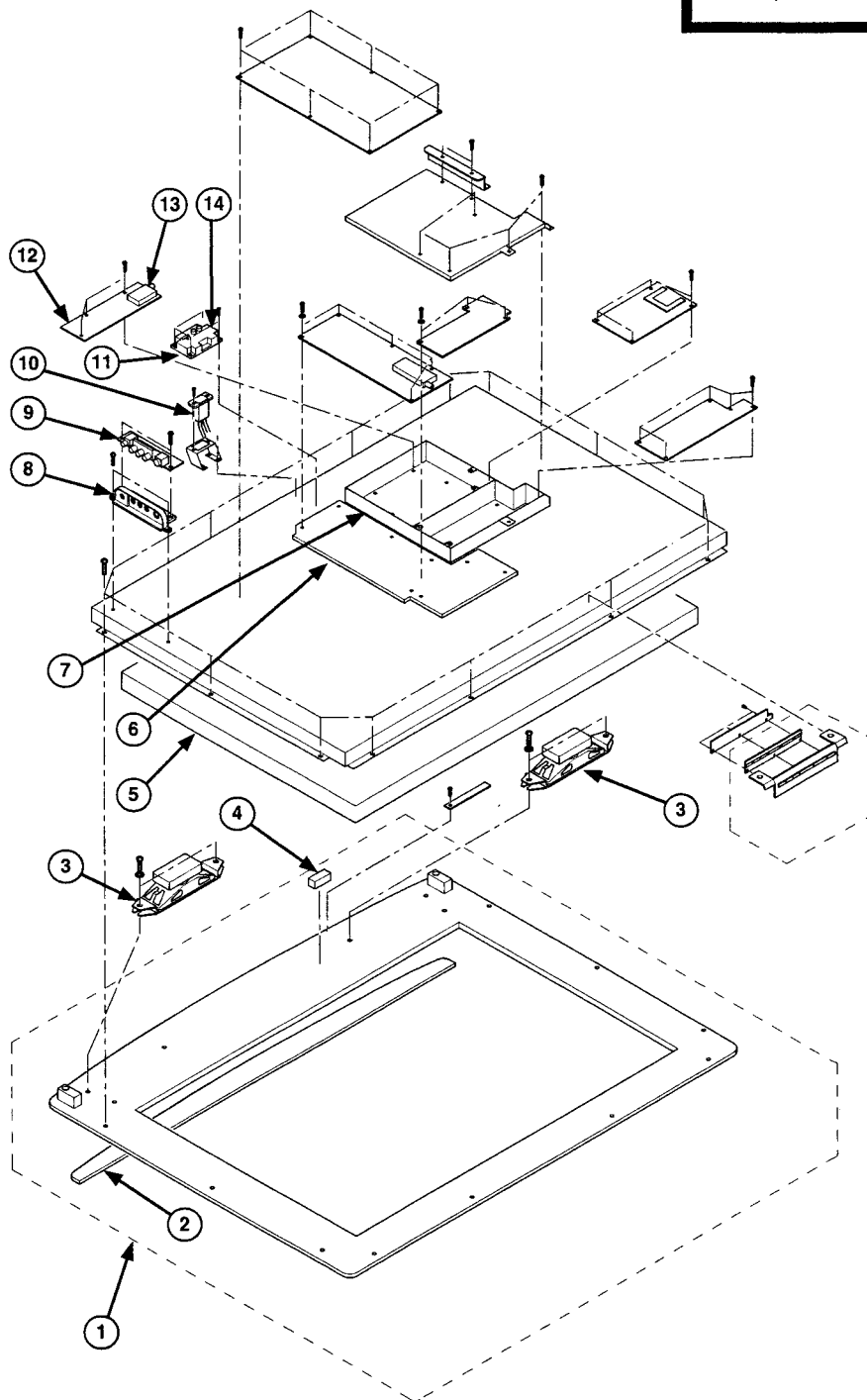
### NOTE :

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remarks column.
- Items marked "\*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

**Note :** Les composants identifiés par une trame et par une marque Δ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces du numéro spécifié.

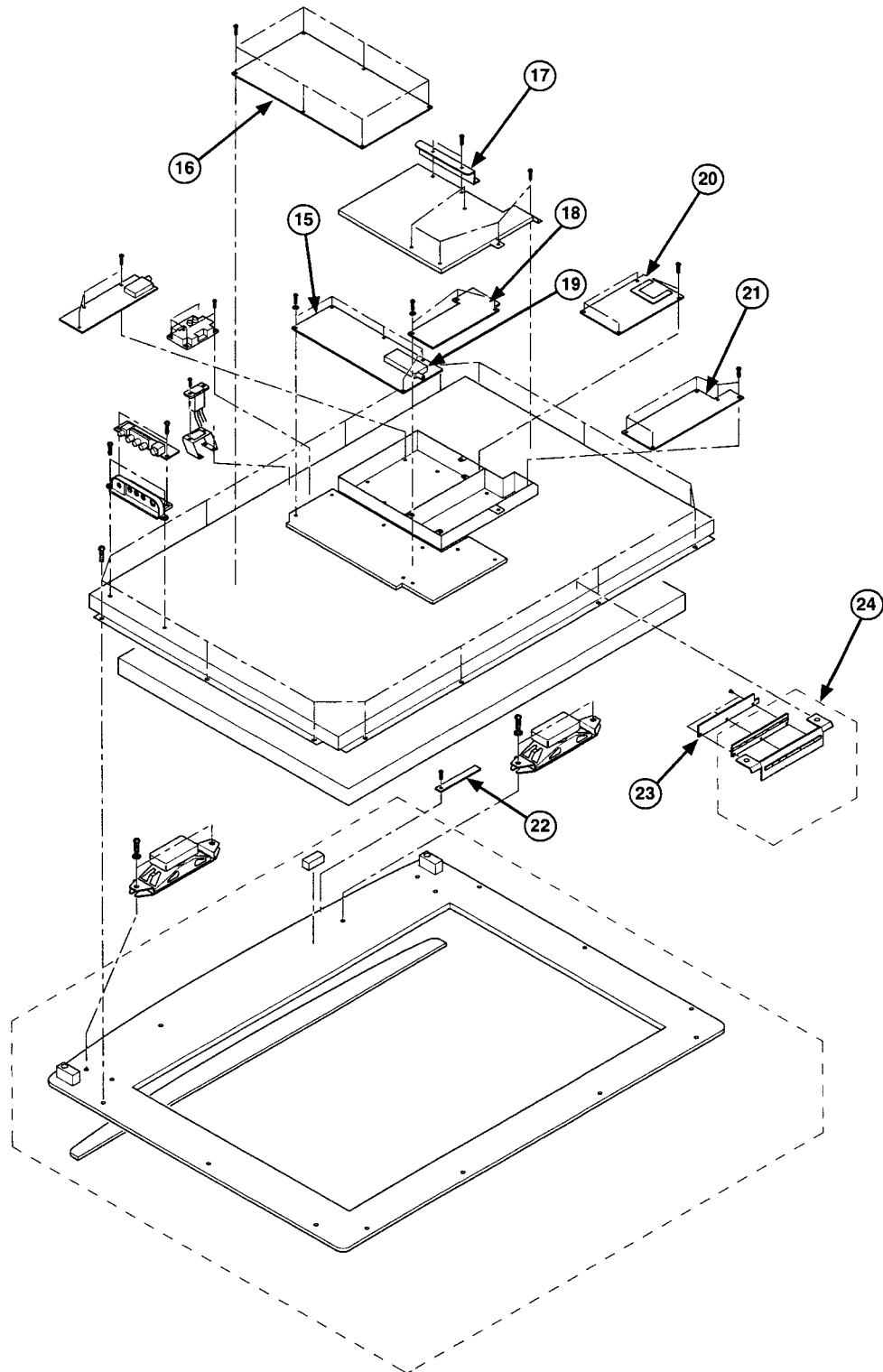
**Note :** The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

### 5-1. CHASSIS



REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
1	X-2067-506-2	BEZEL (40) (KDL-S40A12U/KLV-S40A10E)	2	7	*2-589-406-03	S1 SHIELD MAIN (A)	
	X-2102-765-1	BEZEL ASSY (40Z) (KDL-S40A11E)		8	*2-515-692-12	HOLDER SIDE JACK	
2	2-639-176-11	WINDOW (40), FRONT (KDL-S40A12U/KLV-S40A10E)		9	*A-1147-502-A	H2 BOARD, COMPLETE	
	2-639-176-41	WINDOW (40), FRONT (KDL-S40A11E)		10	Δ 1-819-763-11	INLET, AC (WITH NOISE FILTER)	
3	1-826-231-11	SPEAKER		11	*A-1115-077-C	P BOARD, COMPLETE	
4	*2-515-684-01	GUIDE, LIGHT SENSOR		12	*A-1139-853-A	N1 BOARD, COMPLETE (KDL-S40A12U/A11E)	
5	1-805-879-11	LCD PANEL		13	8-597-541-00	TUNER, FSS BTP-DC411Z (KDL-S40A12U/A11E)	
6	*2-629-956-03	A2E BRACKET		14	*2-580-361-01	SHIELD, HDMI	

## 5-1. CHASSIS (Continued)



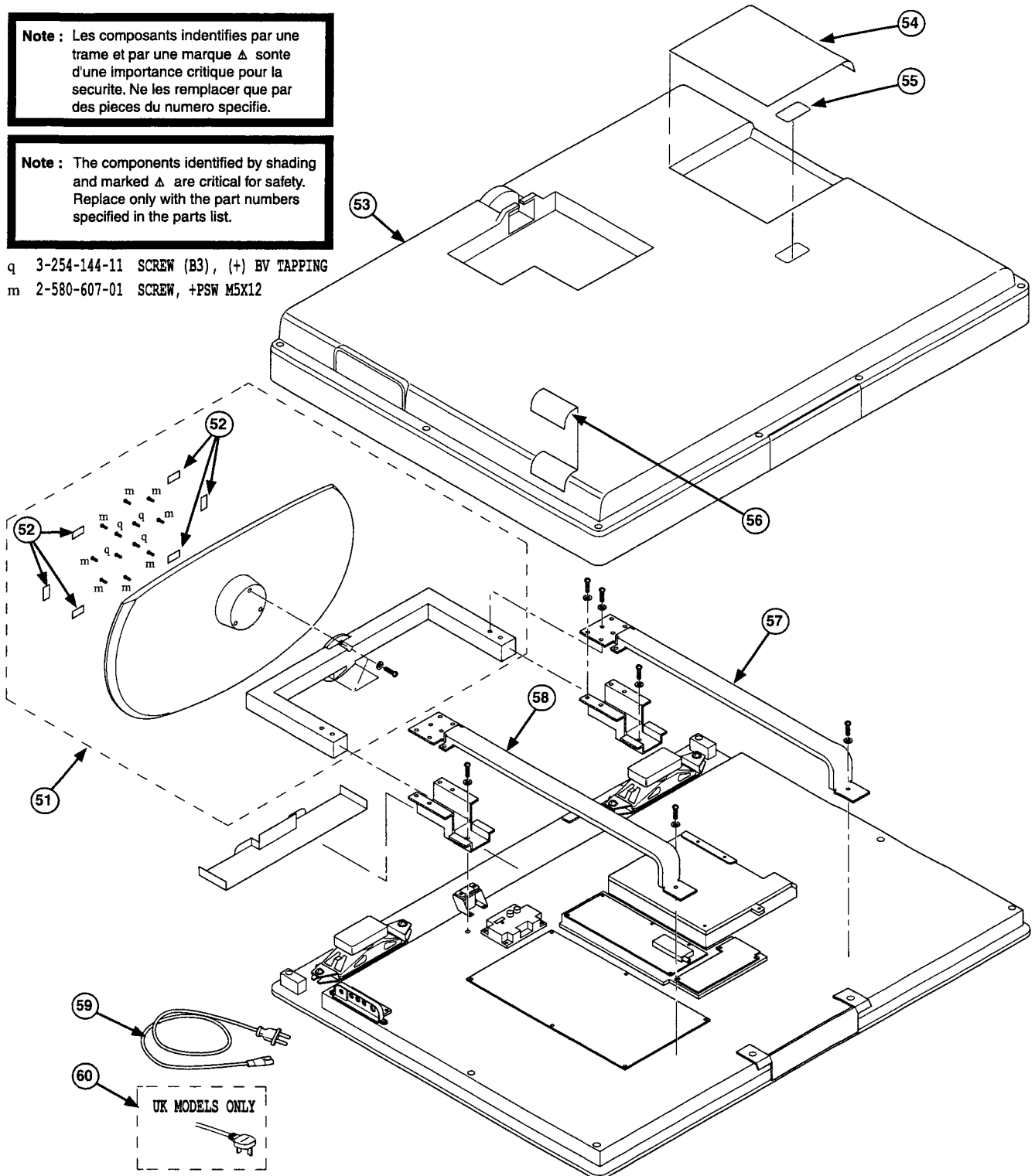
REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
15	*A-1147-506-A	A2E4 BOARD, COMPLETE (KDL-S40A12U/A11E)		20	*A-1122-473-D	N BOARD, COMPLETE (KDL-S40A12U)	
	*A-1147-507-A	A2E4 BOARD, COMPLETE (KLV-S40A10E)			*A-1142-596-B	N BOARD, COMPLETE (KDL-S40A11E)	
16	*A-1148-761-E	G3 BOARD, COMPLETE		21	*A-1149-548-E	BE BOARD, COMPLETE	
17	*X-2055-717-1	BRACKET SIDE ASSY (A D) (KDL-S40A12U/A11E)		22	*A-1147-503-A	H3 BOARD, COMPLETE	
	*X-2055-718-1	BRACKET SIDE ASSY (A A) (KLV-S40A10E)		23	*A-1128-518-B	H1E BOARD, COMPLETE	
18	*A-1128-516-A	GE2 BOARD, COMPLETE		24	X-2059-424-1	BUTTON, MULTI ASSY (32A)	
19	8-597-993-00	TUNER, FSS BTF-EF412Z					

## 5-2. REAR COVER AND STAND

**Note :** Les composants identifiés par une trame et par une marque  $\Delta$  sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces du numéro spécifié.

**Note :** The components identified by shading and marked  $\Delta$  are critical for safety. Replace only with the part numbers specified in the part list.

q 3-254-144-11 SCREW (B3), (+) BV TAPPING  
m 2-580-607-01 SCREW, +PSW M5X12



REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
51	X-2050-187-2	STAND ASSY	52	57	2-639-179-02	BRACKET (40) R, VESA	
52	2-590-249-01	FOOT		58	2-639-178-02	BRACKET (40) L, VESA	
53	2-638-279-13	CABINET (40), REAR		59	$\Delta$ 1-830-611-21	POWER-SUPPLY CORD (KLV-S40A10E/ KDL-S40A11E)	
54	2-639-180-12	COVER (40), JACK		60	$\Delta$ 1-830-609-21	POWER-SUPPLY CORD (KDL-S40A12U)	
55	2-021-173-12	ECS COVER (20)					
56	*2-629-170-11	COVER SIDE					



## SECTION 6 ELECTRICAL PARTS LIST

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**Note :** Items marked “\*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.  
Parts indicated (XX) on the Schematic Diagram are not used in this model and therefore do not appear in the Parts List.

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
<b>*A-1128-518-B H1E Board, Complete</b>				<b>*A-1128-516-A GE2 Board, Complete</b>			
	2-515-720-21	COVER, BUTTON(32)			*2-637-727-01	SPACER	
	4-908-792-41	SCREW (B2)			< CAPACITOR >		
	< CAPACITOR >			C8801	1-137-894-21	ELECT CHIP 470UF	20% 25V
C9801	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C8803	1-137-894-21	ELECT CHIP 470UF	20% 25V
C9802	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C8805	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
	< CONNECTOR >			C8806	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
	< DIODE >			C8807	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
CN9802	1-778-507-21	PIN, CONNECTOR (PC BOARD) 4P		C8808	1-110-530-11	ELECT CHIP 1000UF	20% 6.3V
	< RESISTOR >			C8814	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
D9801	8-719-036-94	DIODE RD5.6SB-T1		C8819	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
D9802	8-719-036-94	DIODE RD5.6SB-T1		C8823	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
	< SWITCH >			C8825	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
R9801	1-216-864-11	SHORT CHIP 0		C8826	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R9802	1-218-837-11	METAL CHIP 390 0.5% 1/10W		C8829	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R9803	1-218-827-11	METAL CHIP 150 0.5% 1/10W		C8831	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R9804	1-218-865-11	METAL CHIP 5.6K 0.5% 1/10W		C8832	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
R9805	1-216-864-11	SHORT CHIP 0		C8837	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
R9806	1-218-839-11	METAL CHIP 470 0.5% 1/10W		C8838	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
R9807	1-218-847-11	METAL CHIP 1K 0.5% 1/10W		C8839	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
R9808	1-218-855-11	METAL CHIP 2.2K 0.5% 1/10W		C8840	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
R9810	1-216-864-11	SHORT CHIP 0		C8841	1-110-530-11	ELECT CHIP 1000UF	20% 6.3V
	< VARISTOR >			C8846	1-137-894-21	ELECT CHIP 470UF	20% 25V
VDR980	1-803-974-21	VARISTOR, CHIP (1608)		C8850	1-137-894-21	ELECT CHIP 470UF	20% 25V
VDR981	1-803-974-21	VARISTOR, CHIP (1608)		C8851	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
VDR982	1-803-974-21	VARISTOR, CHIP (1608)		C8852	1-137-894-21	ELECT CHIP 470UF	20% 25V
VDR983	1-803-974-21	VARISTOR, CHIP (1608)		C8853	1-137-894-21	ELECT CHIP 470UF	20% 25V
VDR984	1-803-974-21	VARISTOR, CHIP (1608)		C8854	1-110-530-11	ELECT CHIP 1000UF	20% 6.3V
VDR985	1-803-974-21	VARISTOR, CHIP (1608)		C8856	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
VDR986	1-803-974-21	VARISTOR, CHIP (1608)		C8857	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
VDR987	1-803-974-21	VARISTOR, CHIP (1608)		C8858	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
	< CONNECTOR >			C8859	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
	< DIODE >			C8860	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
	< DIODE >			C8861	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
	< DIODE >			C8862	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
	< DIODE >			C8863	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
	< DIODE >			C8866	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
	< DIODE >				< CONNECTOR >		
	< DIODE >			CN8800	1-794-519-21	PIN, CONNECTOR (PC BOARD) 14P	
	< DIODE >			CN8801	1-818-033-21	PIN, CONNECTOR (PC BOARD)	
	< DIODE >			CN8802	*1-764-094-21	PIN, CONNECTOR (PC BOARD) 9P	
	< DIODE >				< DIODE >		
	< DIODE >			D8800	8-719-081-97	DIODE MMDL914T1	
	< DIODE >			D8803	8-719-073-34	DIODE EC21QS03L-TE12L	
	< DIODE >			D8805	8-719-073-34	DIODE EC21QS03L-TE12L	
	< DIODE >			D8806	8-719-069-55	DIODE UD2STE-175.6B	

**Note :** The components identified by shading and marked  $\Delta$  are critical for safety. Replace only with the part numbers specified in the parts list.

**GE2 G3**

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
D8812	8-719-073-34	DIODE EC21QS03L-TE12L		L8813	1-412-058-11	INDUCTOR	10UH
D8813	8-719-073-34	DIODE EC21QS03L-TE12L		L8814	1-412-058-11	INDUCTOR	10UH
D8814	8-719-069-55	DIODE UDZSTE-175.6B		< TRANSISTOR >			
D8815	8-719-069-55	DIODE UDZSTE-175.6B		Q8803	6-550-549-01	TRANSISTOR DTC114EUAFT106	
D8816	8-719-073-34	DIODE EC21QS03L-TE12L		Q8804	8-729-422-33	TRANSISTOR 2SD601A-Q-TX	
< FUSE >				Q8805	6-550-549-01	TRANSISTOR DTC114EUAFT106	
F8801	Δ 1-576-603-11	FUSE	3.15A 24V	Q8806	8-729-422-33	TRANSISTOR 2SD601A-Q-TX	
F8802	Δ 1-576-603-11	FUSE	3.15A 24V	< RESISTOR >			
< FERRITE BEAD >				R8802	1-216-295-91	SHORT CHIP	0
FB8800	1-469-775-21	FERRITE	0UH	R8803	1-216-295-91	SHORT CHIP	0
FB8802	1-469-775-21	FERRITE	0UH	R8804	1-216-864-11	SHORT CHIP	0
FB8803	1-469-775-21	FERRITE	0UH	R8807	1-216-821-11	METAL CHIP	1K 5% 1/10W
FB8804	1-469-775-21	FERRITE	0UH	R8808	1-216-295-91	SHORT CHIP	0
FB8805	1-469-775-21	FERRITE	0UH				
FB8806	1-469-775-21	FERRITE	0UH	R8816	1-218-861-11	METAL CHIP	3.9K 0.5% 1/10W
FB8808	1-469-775-21	FERRITE	0UH	R8818	1-216-841-11	METAL CHIP	47K 5% 1/10W
FB8810	1-469-775-21	FERRITE	0UH	R8819	1-216-295-91	SHORT CHIP	0
FB8811	1-469-775-21	FERRITE	0UH	R8820	1-216-295-91	SHORT CHIP	0
FB8812	1-469-775-21	FERRITE	0UH	R8821	1-218-850-11	METAL CHIP	1.3K 0.5% 1/10W
FB8813	1-469-775-21	FERRITE	0UH				
FB8814	1-469-775-21	FERRITE	0UH	R8825	1-218-850-11	METAL CHIP	1.3K 0.5% 1/10W
FB8816	1-469-775-21	FERRITE	0UH	R8826	1-218-861-11	METAL CHIP	3.9K 0.5% 1/10W
FB8817	1-469-775-21	FERRITE	0UH	R8836	1-216-833-11	METAL CHIP	10K 5% 1/10W
FB8818	1-469-775-21	FERRITE	0UH	R8837	1-216-833-11	METAL CHIP	10K 5% 1/10W
FB8819	1-469-775-21	FERRITE	0UH	R8838	1-216-833-11	METAL CHIP	10K 5% 1/10W
FB8820	1-469-775-21	FERRITE	0UH				
FB8821	1-469-775-21	FERRITE	0UH	R8840	1-216-833-11	METAL CHIP	10K 5% 1/10W
FB8823	1-469-775-21	FERRITE	0UH	R8841	1-216-295-91	SHORT CHIP	0
< IC >				R8848	1-216-295-91	SHORT CHIP	0
IC8800	6-702-142-01	IC PQ1CY1032ZP		R8853	1-218-865-11	METAL CHIP	5.6K 0.5% 1/10W
IC8802	6-704-407-01	IC PQ1CZ41H2ZPH		R8854	1-218-887-11	METAL CHIP	47K 0.5% 1/10W
IC8803	6-705-468-01	IC BA33BC0FP-E2					
IC8805	6-702-142-01	IC PQ1CY1032ZP		R8855	1-216-295-91	SHORT CHIP	0
IC8806	8-759-460-79	IC BA09FP-E2		R8856	1-218-857-11	METAL CHIP	2.7K 0.5% 1/10W
IC8810	6-706-999-01	IC BA09CC0WFP-E2		R8857	1-218-861-11	METAL CHIP	3.9K 0.5% 1/10W
< COIL >				R8862	1-216-864-11	SHORT CHIP	0
L8800	1-416-606-11	INDUCTOR	47UH	R8865	1-216-295-91	SHORT CHIP	0
L8801	1-409-556-11	INDUCTOR	47UH				
L8802	1-424-976-21	INDUCTOR	47UH	R8866	1-216-295-91	SHORT CHIP	0
L8804	1-416-606-11	INDUCTOR	47UH	R8867	1-216-295-91	SHORT CHIP	0
L8805	1-424-976-21	INDUCTOR	47UH	R8868	1-216-295-91	SHORT CHIP	0
L8808	1-424-976-21	INDUCTOR	47UH	R8869	1-216-295-91	SHORT CHIP	0
L8809	1-416-606-11	INDUCTOR	47UH				
L8810	1-456-786-21	INDUCTOR	47UH				
L8811	1-412-058-11	INDUCTOR	10UH				
L8812	1-412-058-11	INDUCTOR	10UH				
*A-1148-761-E G3 Board, Complete							
4-382-854-11 SCREW (M3X10), P, SW (+)							
< CAPACITOR >							
C6002	Δ 1-165-531-11	MYLAR	1UF	10	275V		
C6004	Δ 1-165-529-31	MYLAR	0.22UF	10	0V		
C6005	Δ 1-119-886-51	CERAMIC	470PF	10.00%	250V		
C6006	Δ 1-119-886-51	CERAMIC	470PF	10.00%	250V		
C6102	1-104-760-11	CERAMIC CHIP	0.047UF	10.00%	50V		

**Note :** The components identified by shading and marked  $\Delta$  are critical for safety. Replace only with the part numbers specified in the parts list.

**G3**

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C6103	$\Delta$ 1-115-350-51	CERAMIC	0.0047UF 2KV	C6321	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6104	$\Delta$ 1-115-350-51	CERAMIC	0.0047UF 2KV	C6400	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6106	1-115-339-11	CERAMIC CHIP	0.1UF 10.00% 50V	C6401	1-104-653-11	ELECT 220UF	20% 16V
C6107	1-107-823-11	CERAMIC CHIP	0.47UF 10.00% 16V	C6403	1-107-902-11	ELECT 1UF	20% 50V
C6108	$\Delta$ 1-115-350-51	CERAMIC	0.0047UF 2KV	C6404	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C6109	$\Delta$ 1-115-350-51	CERAMIC	0.0047UF 2KV	C6420	1-163-037-11	CERAMIC CHIP 0.022UF	10.00% 50V
C6110	$\Delta$ 1-165-531-11	MYLAR	1UF 10 275V	C6421	1-107-906-11	ELECT 10UF	20% 50V
C6113	1-112-024-21	MYLAR	1UF 10% 450V	C6422	1-163-037-11	CERAMIC CHIP 0.022UF	10.00% 50V
C6114	1-162-927-11	CERAMIC CHIP	100PF 5.00% 50V	C6423	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6115	1-112-188-11	MYLAR	1.5UF 5% 450V	C6424	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6116	1-162-964-11	CERAMIC CHIP	0.001UF 10.00% 50V	C6425	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C6117	1-163-021-91	CERAMIC CHIP	0.01UF 10.00% 50V	C6426	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6118	1-162-962-11	CERAMIC CHIP	470PF 10.00% 50V	C6427	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6119	1-119-886-51	CERAMIC	470PF 10.00% 250V	C6428	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C6120	1-128-526-11	ELECT	100UF 20% 25V	C6429	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C6121	1-163-037-11	CERAMIC CHIP	0.022UF 10.00% 50V	C6430	1-107-905-11	ELECT 4.7UF	20% 50V
C6122	1-107-889-11	ELECT	220UF 20% 25V	C6431	1-107-888-11	ELECT 47UF	20% 25V
C6123	1-115-339-11	CERAMIC CHIP	0.1UF 10.00% 50V	C6432	1-107-905-11	ELECT 4.7UF	20% 50V
C6124	1-163-021-91	CERAMIC CHIP	0.01UF 10.00% 50V	C6433	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6125	1-115-339-11	CERAMIC CHIP	0.1UF 10.00% 50V	C6434	1-107-902-11	ELECT 1UF	20% 50V
C6126	1-115-416-11	CERAMIC CHIP	0.001UF 5.00% 25V	C6435	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6127	1-104-760-11	CERAMIC CHIP	0.047UF 10.00% 50V	C6436	1-107-910-11	ELECT 100UF	20% 50V
C6128	1-100-613-81	CERAMIC	470PF 5% 1KV	C6437	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6129	1-100-613-81	CERAMIC	470PF 5% 1KV	C6439	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6130	1-163-145-00	CERAMIC CHIP	0.0015UF 5.00% 50V	C6472	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6131	1-100-613-81	CERAMIC	470PF 5% 1KV	C6500	1-112-744-51	CERAMIC CHIP 1.0MF	450V
C6132	1-100-613-81	CERAMIC	470PF 5% 1KV	C6501	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6133	1-135-361-11	ELECT	180UF 20% 450V	C6502	1-107-905-11	ELECT 4.7UF	20% 50V
C6134	1-135-361-11	ELECT	180UF 20% 450V	C6503	1-107-909-11	ELECT 47UF	20% 50V
C6135	1-135-361-11	ELECT	180UF 20% 450V	C6504	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6136	1-162-964-11	CERAMIC CHIP	0.001UF 10.00% 50V	C6505	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C6137	1-163-021-91	CERAMIC CHIP	0.01UF 10.00% 50V	C6506	1-107-906-11	ELECT 10UF	20% 50V
C6139	1-107-903-11	ELECT	2.2UF 20% 50V	C6508	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6140	1-112-188-11	MYLAR	1.5UF 5% 450V	C6509	1-136-169-00	FILM 0.22UF	5.00% 50V
C6141	1-115-416-11	CERAMIC CHIP	0.001UF 5.00% 25V	C6510	1-107-888-11	ELECT 47UF	20% 25V
C6300	$\Delta$ 1-115-350-51	CERAMIC	0.0047UF 2KV	C6511	1-107-824-11	CERAMIC	220PF 5.00% 1KV
C6301	$\Delta$ 1-115-350-51	CERAMIC	0.0047UF 2KV	C6512	1-107-824-11	CERAMIC	220PF 5.00% 1KV
C6304	1-107-680-91	ELECT	22UF 20.00% 450V	C6513	1-165-953-11	FILM 47000PF	3% 800V
C6305	1-107-974-11	CERAMIC	47PF 5.00% 2KV	C6600	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6306	1-107-905-11	ELECT	4.7UF 20% 50V	C6602	1-131-969-11	ELECT 1800UF	20% 25V
C6307	1-102-228-00	CERAMIC	470PF 10.00% 500V	C6603	1-131-969-11	ELECT 1800UF	20% 25V
C6308	1-107-903-11	ELECT	2.2UF 20% 50V	C6604	1-131-969-11	ELECT 1800UF	20% 25V
C6309	1-162-964-11	CERAMIC CHIP	0.001UF 10.00% 50V	C6607	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6312	1-107-910-11	ELECT	100UF 20% 50V	C6608	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6313	1-107-826-11	CERAMIC CHIP	0.1UF 10.00% 16V	C6609	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6314	1-119-886-51	CERAMIC	470PF 10.00% 250V	C6610	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6316	1-128-949-31	ELECT	470UF 20% 16V	C6700	1-112-745-51	CERAMIC CHIP 0.47MF	450V
C6317	1-107-826-11	CERAMIC CHIP	0.1UF 10.00% 16V	C6701	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6318	1-128-526-11	ELECT	100UF 20% 25V	C6702	1-107-905-11	ELECT 4.7UF	20% 50V
C6320	1-162-964-11	CERAMIC CHIP	0.001UF 10.00% 50V	C6704	1-107-909-11	ELECT 47UF	20% 50V

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**G3**

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C6705	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V	D6301	8-719-948-45	DIODE ERA22-08	
C6706	1-107-906-11	ELECT 10UF	20% 50V	D6302	8-719-069-55	DIODE UDZSTE-175.6B	
C6707	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V	D6401	8-719-081-97	DIODE MMDL914T1	
C6708	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	D6420	8-719-081-97	DIODE MMDL914T1	
C6709	1-136-169-00	FILM 0.22UF	5.00% 50V	D6421	8-719-059-51	DIODE MA3J142E0LSO	
C6710	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	D6422	8-719-083-63	DIODE UDZSTE-1713B	
C6713	1-107-888-11	ELECT 47UF	20% 25V	D6423	8-719-081-97	DIODE MMDL914T1	
C6714	1-107-910-11	ELECT 100UF	20% 50V	D6474	8-719-082-04	DIODE MM3Z22VT1	
C6715	1-107-824-11	CERAMIC 220PF	5.00% 1KV	D6475	8-719-081-97	DIODE MMDL914T1	
C6716	1-107-824-11	CERAMIC 220PF	5.00% 1KV	D6500	8-719-082-03	DIODE MM3Z15VT1	
C6717	1-100-919-11	FILM 0.027UF	3% 1KV	D6501	8-719-082-03	DIODE MM3Z15VT1	
C6800	1-126-967-11	ELECT 47UF	20.00% 50V	D6502	8-719-082-03	DIODE MM3Z15VT1	
C6801	1-128-582-11	ELECT 10UF	20.00% 100V	D6503	8-719-979-64	DIODE UF4005/23	
C6802	1-165-176-11	CERAMIC CHIP 0.047UF	10.00% 16V	D6504	6-501-043-01	DIODE UMZ16NT106	
C6803	1-128-959-31	ELECT 1000UF	20% 35V	D6505	6-501-043-01	DIODE UMZ16NT106	
C6805	1-131-970-11	ELECT 1500UF	20% 25V	D6506	8-719-080-69	DIODE M1FS4-4063	
C6806	1-128-951-31	ELECT 2200UF	20% 16V	D6507	8-719-080-69	DIODE M1FS4-4063	
C6809	1-107-928-11	ELECT 4.7UF	20% 100V	D6508	8-719-082-03	DIODE MM3Z15VT1	
C6811	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	D6509	8-719-080-69	DIODE M1FS4-4063	
< CONNECTOR >				D6600	6-501-319-01	DIODE FCQ10A06	
CN6001 $\Delta$	*1-691-960-11	PIN, CONNECTOR (PC BOARD) 3P		D6601	6-501-319-01	DIODE FCQ10A06	
CN6200	1-794-519-21	PIN, CONNECTOR (PC BOARD) 14P		D6602	6-501-319-01	DIODE FCQ10A06	
CN6201	*1-564-508-11	PLUG, CONNECTOR 5P		D6603	6-501-319-01	DIODE FCQ10A06	
CN6202	1-816-296-21	PIN, CONNECTOR (PC BOARD) 9P		D6604	8-719-079-29	DIODE PTZ-TE25-22B	
CN6204	1-779-992-11	PIN, CONNECTOR (PWB) 8P		D6700	8-719-081-97	DIODE MMDL914T1	
< DIODE >				D6701	8-719-082-03	DIODE MM3Z15VT1	
D6001	8-719-081-97	DIODE MMDL914T1		D6702	8-719-082-03	DIODE MM3Z15VT1	
D6100 $\Delta$	8-719-304-63	DIODE RM11C		D6703	8-719-081-97	DIODE MMDL914T1	
D6102	8-719-081-97	DIODE MMDL914T1		D6704	8-719-082-03	DIODE MM3Z15VT1	
D6103	8-719-978-33	DIODE DTZ-TT11-6.8B		D6705	8-719-979-64	DIODE UF4005/23	
D6104	8-719-054-89	DIODE D15XB60		D6706	6-501-043-01	DIODE UMZ16NT106	
D6105	8-719-081-97	DIODE MMDL914T1		D6707	6-501-043-01	DIODE UMZ16NT106	
D6106	6-500-137-01	DIODE BAT54HT1		D6709	6-500-567-31	DIODE 10ERB20-TB3	
D6107 $\Delta$	8-719-304-63	DIODE RM11C		D6710	8-719-080-69	DIODE M1FS4-4063	
D6108	6-500-254-01	DIODE MM3Z7V5T1		D6711	8-719-080-69	DIODE M1FS4-4063	
D6109	6-500-137-01	DIODE BAT54HT1		D6712	8-719-082-03	DIODE MM3Z15VT1	
D6110	6-500-137-01	DIODE BAT54HT1		D6713	8-719-080-69	DIODE M1FS4-4063	
D6111	8-719-041-97	DIODE MA113-(TX)		D6800	8-719-041-97	DIODE MA113-(TX)	
D6112	8-719-041-97	DIODE MA113-(TX)		D6803	8-719-063-73	DIODE D1NL20U-TR	
D6113	6-501-043-01	DIODE UMZ16NT106		D6804	6-500-747-01	DIODE SBQF04A06	
D6114	6-501-043-01	DIODE UMZ16NT106		D6805	8-719-063-73	DIODE D1NL20U-TR	
D6115	6-501-043-01	DIODE UMZ16NT106		D6806	6-501-319-01	DIODE FCQ10A06	
D6117	8-719-304-63	DIODE RM11C		D6807	6-501-319-01	DIODE FCQ10A06	
D6118	6-500-407-01	DIODE SF20L60U-4015		D6903	6-500-567-31	DIODE 10ERB20-TB3	
D6121	8-719-041-97	DIODE MA113-(TX)		D6904	8-719-032-12	DIODE D1NS6	
D6122 $\Delta$	6-500-849-01	DIODE ERA22-08KFLB		D6905	6-500-567-31	DIODE 10ERB20-TB3	
D6123 $\Delta$	6-500-849-01	DIODE ERA22-08KFLB		D6911	8-719-081-97	DIODE MMDL914T1	
D6300	8-719-077-76	DIODE D2SB60A-F04		D6912 $\Delta$	8-719-948-45	DIODE ERA22-08	

**Note :** The components identified by shading and marked  $\Delta$  are critical for safety. Replace only with the part numbers specified in the parts list.

**G3**

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
< FUSE >							
F6001	$\Delta$ 1-576-233-51	FUSE	6.3A 250V	Q6102	8-729-820-86	TRANSISTOR 2SB1121-ST	
FH6001	$\Delta$ 1-533-223-11	FUSE HOLDER		Q6103	8-729-905-35	TRANSISTOR 2SC4081-R	
FH6002	$\Delta$ 1-533-223-11	FUSE HOLDER		Q6104	8-729-807-17	TRANSISTOR 2SD1621-S	
< FERRITE BEAD >				Q6105	6-550-372-01	TRANSISTOR SPA20N60C3E8152	
FB6500	1-410-397-21	FERRITE	1.1UH	Q6106	6-550-372-01	TRANSISTOR SPA20N60C3E8152	
FB6501	1-410-397-21	FERRITE	1.1UH	Q6107	6-550-372-01	TRANSISTOR SPA20N60C3E8152	
< IC >				Q6400	8-729-023-22	TRANSISTOR 2SD2114K	
IC6100	6-703-132-01	IC UC3854BN		Q6403	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
IC6101	8-759-682-42	IC MM1431ATT		Q6404	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
IC6300	6-600-279-01	IC STR-A6169		Q6420	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
IC6301	8-759-682-42	IC MM1431ATT		Q6421	8-729-905-35	TRANSISTOR 2SC4081-R	
IC6420	8-759-058-50	IC XRA10324AF		Q6422	8-729-905-35	TRANSISTOR 2SC4081-R	
IC6421	6-704-924-01	IC PQ12DZ5UJ00H		Q6423	8-729-905-35	TRANSISTOR 2SC4081-R	
IC6422	8-759-682-42	IC MM1431ATT		Q6424	8-729-905-35	TRANSISTOR 2SC4081-R	
IC6500	6-706-852-01	IC CXD9841M		Q6425	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
IC6600	8-759-682-42	IC MM1431ATT		Q6426	8-729-907-00	TRANSISTOR DTC114EU	
IC6700	6-706-852-01	IC CXD9841M		Q6427	8-729-905-35	TRANSISTOR 2SC4081-R	
IC6800	8-759-682-42	IC MM1431ATT		Q6428	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
< COIL >				Q6429	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
L6002	$\Delta$ 1-456-856-21	LINE FILTER COIL		Q6430	8-729-804-41	TRANSISTOR 2SB1122-S	
L6003	$\Delta$ 1-456-856-21	LINE FILTER COIL		Q6431	8-729-907-00	TRANSISTOR DTC114EU	
L6101	1-456-917-11	INDUCTOR	170UH	Q6500	6-550-526-11	TRANSISTOR 2SK2842 (LBS2SONY)	
L6102	1-456-854-11	INDUCTOR	58UH	Q6501	6-550-526-11	TRANSISTOR 2SK2842 (LBS2SONY)	
L6104	1-456-854-11	INDUCTOR	58UH	Q6700	6-550-526-11	TRANSISTOR 2SK2842 (LBS2SONY)	
L6300	1-412-525-31	INDUCTOR	10UH	Q6701	6-550-526-11	TRANSISTOR 2SK2842 (LBS2SONY)	
L6500	1-406-665-11	INDUCTOR	100UH	< RESISTOR >			
L6601	1-406-971-21	INDUCTOR	10UH	R6001	$\Delta$ 1-247-289-00	METAL	8.2M 5% 1W
L6602	1-406-971-21	INDUCTOR	10UH	R6002	$\Delta$ 1-219-759-11	METAL	1M 5% 1/2W
L6603	1-406-971-21	INDUCTOR	10UH	R6003	1-216-789-11	METAL CHIP	2.2 5% 1/10W
L6700	1-406-667-11	INDUCTOR	220UH	R6004	$\Delta$ 1-216-829-11	METAL CHIP	4.7K 5% 1/10W
L6800	1-406-971-21	INDUCTOR	10UH	R6007	$\Delta$ 1-219-759-11	METAL	1M 5% 1/2W
L6801	1-406-971-21	INDUCTOR	10UH	R6014	1-215-859-00	METAL OXIDE	22 5% 1W
< PHOTOCOUPLER >				R6016	1-243-681-71	METAL OXIDE	33 5% 1W
PH6000	$\Delta$ 6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	R6101	1-216-857-11	METAL CHIP	1M 5% 1/10W
PH6300	$\Delta$ 6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	R6103	1-218-903-11	METAL CHIP	220K 0.5% 1/10W
PH6420	$\Delta$ 6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	R6104	1-245-474-21	METAL	330K 1% 1/4W
PH6421	$\Delta$ 6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	R6105	1-245-474-21	METAL	330K 1% 1/4W
PH6474	$\Delta$ 6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	R6106	1-208-830-11	METAL CHIP	100K 0.5% 1/10W
PH6500	$\Delta$ 6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	R6107	1-245-474-21	METAL	330K 1% 1/4W
PH6700	$\Delta$ 6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	R6108	1-245-474-21	METAL	330K 1% 1/4W
< TRANSISTOR >				R6109	1-208-830-11	METAL CHIP	100K 0.5% 1/10W
Q6101	8-729-907-00	TRANSISTOR DTC114EU		R6110	1-218-895-11	METAL CHIP	100K 0.5% 1/10W
				R6111	1-218-877-11	METAL CHIP	18K 0.5% 1/10W
				R6112	1-245-474-21	METAL	330K 1% 1/4W
				R6113	1-245-474-21	METAL	330K 1% 1/4W
				R6114	1-208-830-11	METAL CHIP	100K 0.5% 1/10W
				R6115	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
				R6116	1-218-845-11	METAL CHIP	820 0.5% 1/10W
				R6117	1-216-835-11	METAL CHIP	15K 5% 1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R6118	1-216-830-11	METAL CHIP	5.6K	5%	1/10W	R6302	1-260-129-11	CARBON	330K	5%	1/2W
R6119	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6303	1-216-864-11	SHORT CHIP	0		
R6120	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6304	1-249-393-11	CARBON	10	5%	1/4W
R6122	1-243-665-11	METAL	0.05	5%	5W	R6305	1-249-385-11	CARBON	2.2	5%	1/4W
R6123	1-243-665-11	METAL	0.05	5%	5W	R6306	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R6124	1-249-397-11	CARBON	22	5%	1/4W	R6307	1-216-817-11	METAL CHIP	470	5%	1/10W
R6125	1-216-797-11	METAL CHIP	10	5%	1/10W	R6308	1-216-809-11	METAL CHIP	100	5%	1/10W
R6126	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R6309	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R6127	1-249-397-11	CARBON	22	5%	1/4W	R6310	1-216-864-11	SHORT CHIP	0		
R6128	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6311	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R6129	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6401	1-216-835-11	METAL CHIP	15K	5%	1/10W
R6130	1-216-797-11	METAL CHIP	10	5%	1/10W	R6402	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6131	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6404	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6132	1-249-393-11	CARBON	10	5%	1/4W	R6405	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6133	1-249-401-11	CARBON	47	5%	1/4W	R6409	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6134	1-249-393-11	CARBON	10	5%	1/4W	R6412	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6135	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6413	1-216-864-11	SHORT CHIP	0		
R6136	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6421	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6137	1-216-849-11	METAL CHIP	220K	5%	1/10W	R6422	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6138	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R6423	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6139	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6424	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6140	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R6425	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6141	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6426	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6142	1-208-830-11	METAL CHIP	100K	0.5%	1/10W	R6427	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6143	1-208-830-11	METAL CHIP	100K	0.5%	1/10W	R6428	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6144	1-208-830-11	METAL CHIP	100K	0.5%	1/10W	R6429	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6145	1-208-830-11	METAL CHIP	100K	0.5%	1/10W	R6430	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6146	1-208-830-11	METAL CHIP	100K	0.5%	1/10W	R6431	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6147	1-208-830-11	METAL CHIP	100K	0.5%	1/10W	R6432	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6148	1-208-830-11	METAL CHIP	100K	0.5%	1/10W	R6433	1-216-835-11	METAL CHIP	15K	5%	1/10W
R6149	1-208-830-11	METAL CHIP	100K	0.5%	1/10W	R6434	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6150	1-208-830-11	METAL CHIP	100K	0.5%	1/10W	R6435	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6151	1-218-869-11	METAL CHIP	8.2K	0.5%	1/10W	R6436	1-216-847-11	METAL CHIP	150K	5%	1/10W
R6152	1-218-851-11	METAL CHIP	1.5K	0.5%	1/10W	R6437	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6153	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R6438	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6154	1-216-835-11	METAL CHIP	15K	5%	1/10W	R6439	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6155	1-215-882-00	METAL OXIDE	22	5%	2W	R6440	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6156	1-215-882-00	METAL OXIDE	22	5%	2W	R6441	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6157	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6442	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6158	1-216-797-11	METAL CHIP	10	5%	1/10W	R6443	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6159	1-249-397-11	CARBON	22	5%	1/4W	R6444	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6160	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6445	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6161	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6446	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6162	1-216-842-11	METAL CHIP	56K	5%	1/10W	R6447	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6167	1-218-823-11	METAL CHIP	100	0.5%	1/10W	R6448	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6168	1-208-832-11	METAL CHIP	120K	0.5%	1/10W	R6449	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6169	1-208-832-11	METAL CHIP	120K	0.5%	1/10W	R6450	1-216-849-11	METAL CHIP	220K	5%	1/10W
R6170	1-208-832-11	METAL CHIP	120K	0.5%	1/10W	R6451	1-216-797-11	METAL CHIP	10	5%	1/10W
R6300	1-216-353-00	METAL OXIDE	2.2	5%	1W	R6452	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6301	1-249-381-11	CARBON	1	5%	1/4W	R6453	1-216-829-11	METAL CHIP	4.7K	5%	1/10W

**Note :** The components identified by shading and marked  $\Delta$  are critical for safety. Replace only with the part numbers specified in the parts list.

**G3**

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
R6454	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	R6604	1-216-813-11	METAL CHIP	220 5% 1/10W
R6455	1-216-833-11	METAL CHIP	10K 5% 1/10W	R6605	1-218-865-11	METAL CHIP	5.6K 0.5% 1/10W
R6456	1-218-853-11	METAL CHIP	1.8K 0.5% 1/10W	R6607	1-218-847-11	METAL CHIP	1K 0.5% 1/10W
R6457	1-218-831-11	METAL CHIP	220 0.5% 1/10W	R6610	1-216-857-11	METAL CHIP	1M 5% 1/10W
R6458	1-218-863-11	METAL CHIP	4.7K 0.5% 1/10W	R6611	1-216-857-11	METAL CHIP	1M 5% 1/10W
R6459	1-216-833-11	METAL CHIP	10K 5% 1/10W	R6700	1-249-393-11	CARBON	10 5% 1/4W
R6460	1-216-841-11	METAL CHIP	47K 5% 1/10W	R6701 $\Delta$	1-202-933-61	FUSIBLE	0.1 10% 1/2W
R6461	1-216-833-11	METAL CHIP	10K 5% 1/10W	R6702	1-218-868-11	METAL CHIP	7.5K 0.5% 1/10W
R6462	1-216-833-11	METAL CHIP	10K 5% 1/10W	R6703	1-208-840-11	METAL CHIP	270K 0.5% 1/10W
R6463	1-216-841-11	METAL CHIP	47K 5% 1/10W	R6704	1-208-840-11	METAL CHIP	270K 0.5% 1/10W
R6464	1-216-833-11	METAL CHIP	10K 5% 1/10W	R6705	1-218-877-11	METAL CHIP	18K 0.5% 1/10W
R6465	1-249-393-11	CARBON	10 5% 1/4W	R6706	1-216-821-11	METAL CHIP	1K 5% 1/10W
R6466	1-216-837-11	METAL CHIP	22K 5% 1/10W	R6707	1-218-823-11	METAL CHIP	100 0.5% 1/10W
R6467	1-216-833-11	METAL CHIP	10K 5% 1/10W	R6709 $\Delta$	1-212-865-00	FUSIBLE	22 5% 1/4W
R6468	1-216-817-11	METAL CHIP	470 5% 1/10W	R6710	1-249-393-11	CARBON	10 5% 1/4W
R6469	1-216-817-11	METAL CHIP	470 5% 1/10W	R6711 $\Delta$	1-212-865-00	FUSIBLE	22 5% 1/4W
R6470	1-216-864-11	SHORT CHIP	0	R6712	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R6474	1-216-864-11	SHORT CHIP	0	R6713	1-216-833-11	METAL CHIP	10K 5% 1/10W
R6475	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	R6714	1-216-833-11	METAL CHIP	10K 5% 1/10W
R6476	1-216-821-11	METAL CHIP	1K 5% 1/10W	R6716	1-249-393-11	CARBON	10 5% 1/4W
R6477	1-216-837-11	METAL CHIP	22K 5% 1/10W	R6717	1-216-361-00	METAL OXIDE	0.22 5% 2W
R6480	1-216-833-11	METAL CHIP	10K 5% 1/10W	R6718	1-216-857-11	METAL CHIP	1M 5% 1/10W
R6481	1-216-821-11	METAL CHIP	1K 5% 1/10W	R6720	1-208-830-11	METAL CHIP	100K 0.5% 1/10W
R6500	1-249-393-11	CARBON	10 5% 1/4W	R6721	1-208-830-11	METAL CHIP	100K 0.5% 1/10W
R6501 $\Delta$	1-202-933-61	FUSIBLE	0.1 10% 1/2W	R6722	1-208-830-11	METAL CHIP	100K 0.5% 1/10W
R6502	1-218-823-11	METAL CHIP	100 0.5% 1/10W	R6723	1-208-830-11	METAL CHIP	100K 0.5% 1/10W
R6503	1-218-863-11	METAL CHIP	4.7K 0.5% 1/10W	R6802	1-216-821-11	METAL CHIP	1K 5% 1/10W
R6504	1-218-760-11	METAL CHIP	220K 0.5% 1/10W	R6803	1-249-377-11	CARBON	0.47 5% 1/4W
R6505	1-218-760-11	METAL CHIP	220K 0.5% 1/10W	R6804	1-216-864-11	SHORT CHIP	0
R6506	1-218-760-11	METAL CHIP	220K 0.5% 1/10W	R6806	1-216-821-11	METAL CHIP	1K 5% 1/10W
R6507	1-218-760-11	METAL CHIP	220K 0.5% 1/10W	R6807	1-216-864-11	SHORT CHIP	0
R6508	1-208-830-11	METAL CHIP	100K 0.5% 1/10W	R6808	1-216-864-11	SHORT CHIP	0
R6509	1-218-854-11	METAL CHIP	2K 0.5% 1/10W	R6809	1-216-864-11	SHORT CHIP	0
R6510	1-218-877-11	METAL CHIP	18K 0.5% 1/10W	R6810	1-216-864-11	SHORT CHIP	0
R6513	1-211-990-11	METAL CHIP	75 0.5% 1/10W	R6811	1-249-393-11	CARBON	10 5% 1/4W
R6514 $\Delta$	1-212-865-00	FUSIBLE	22 5% 1/4W	R6812	1-216-793-11	METAL CHIP	4.7 5% 1/10W
R6515 $\Delta$	1-212-865-00	FUSIBLE	22 5% 1/4W	R6813	1-216-821-11	METAL CHIP	1K 5% 1/10W
R6516	1-218-871-11	METAL CHIP	10K 0.5% 1/10W	R6817	1-218-847-11	METAL CHIP	1K 0.5% 1/10W
R6517	1-218-871-11	METAL CHIP	10K 0.5% 1/10W	R6818	1-218-875-11	METAL CHIP	15K 0.5% 1/10W
R6518	1-219-759-11	METAL	1M 5% 1/2W	R6819	1-218-863-11	METAL CHIP	4.7K 0.5% 1/10W
R6519	1-219-759-11	METAL	1M 5% 1/2W	R6820	1-216-841-11	METAL CHIP	47K 5% 1/10W
R6520	1-216-821-11	METAL CHIP	1K 5% 1/10W	R6821	1-216-857-11	METAL CHIP	1M 5% 1/10W
R6521	1-216-361-00	METAL OXIDE	0.22 5% 2W	R6822	1-216-857-11	METAL CHIP	1M 5% 1/10W
R6522	1-216-864-11	SHORT CHIP	0	R6823	1-216-857-11	METAL CHIP	1M 5% 1/10W
R6523	1-216-857-11	METAL CHIP	1M 5% 1/10W	R6838 $\Delta$	1-247-752-11	CARBON	1K 5% 1/2W
R6524	1-216-361-00	METAL OXIDE	0.22 5% 2W	R6839 $\Delta$	1-240-251-11	CEMENTED	6.8 5% 10W
R6600	1-218-853-11	METAL CHIP	1.8K 0.5% 1/10W	R6840	1-216-833-11	METAL CHIP	10K 5% 1/10W
R6601	1-216-821-11	METAL CHIP	1K 5% 1/10W				
R6602	1-216-864-11	SHORT CHIP	0				
R6603	1-216-833-11	METAL CHIP	10K 5% 1/10W				



**Note :** The components identified by shading and marked  $\Delta$  are critical for safety. Replace only with the part numbers specified in the parts list.

**G3 H2 H3**

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
< RESISTOR VARIABLE >				< SOCKET >			
RV6100	1-227-703-91	RES, CERMET VAR 1K		J9006	1-780-244-11	TERMINAL BLOCK, S(RIGHT ANGLE)	
				J9852	1-568-267-11	JACK	
< RELAY >				< RESISTOR >			
RY6002 $\Delta$	1-755-418-12	RELAY (AC POWER)		R9103	1-216-811-11	METAL CHIP 150 5% 1/10W	
RY6004 $\Delta$	1-755-418-12	RELAY (AC POWER)		R9104	1-218-285-11	METAL CHIP 75 5% 1/10W	
< TRANSFORMER >				R9105	1-216-811-11	METAL CHIP 150 5% 1/10W	
T6100 $\Delta$	1-443-463-11	CONVERTER TRANSFORMER (PIT)		R9108	1-216-811-11	METAL CHIP 150 5% 1/10W	
T6101 $\Delta$	1-443-463-11	CONVERTER TRANSFORMER (PIT)		R9109	1-216-811-11	METAL CHIP 150 5% 1/10W	
T6300 $\Delta$	1-443-313-21	TRANSFORMER, CONVERTER (SBT)		R9112	1-216-809-11	METAL CHIP 100 5% 1/10W	
T6700 $\Delta$	1-443-819-11	CONVERTER TRANSFORMER (PIT)		R9113	1-216-809-11	METAL CHIP 100 5% 1/10W	
< THERMISTOR >				R9114	1-216-809-11	METAL CHIP 100 5% 1/10W	
TH6300	1-803-586-11	THERMISTOR, NTC		R9116	1-216-864-11	SHORT CHIP 0	
TH6420	1-809-789-71	THERMISTOR, POSITIVE		R9136	1-216-853-11	METAL CHIP 470K 5% 1/10W	
< VARISTOR >				R9137	1-216-821-11	METAL CHIP 1K 5% 1/10W	
VD6001 $\Delta$	1-805-479-21	VARISTOR		R9138	1-216-853-11	METAL CHIP 470K 5% 1/10W	
VD6002 $\Delta$	1-805-479-21	VARISTOR		R9139	1-216-821-11	METAL CHIP 1K 5% 1/10W	
<b>*A-1147-502-A H2 Board, Complete</b>				R9142	1-216-864-11	SHORT CHIP 0	
< CAPACITOR >				R9851	1-216-797-11	METAL CHIP 10 5% 1/10W	
C9041	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	R9852	1-216-797-11	METAL CHIP 10 5% 1/10W	
C9048	1-164-505-11	CERAMIC CHIP 2.2UF	16V	< VARISTOR >			
C9049	1-164-505-11	CERAMIC CHIP 2.2UF	16V	VD9022	1-803-974-21	VARISTOR, CHIP (1608)	
C9050	1-164-505-11	CERAMIC CHIP 2.2UF	16V	VD9023	1-803-974-21	VARISTOR, CHIP (1608)	
C9077	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	VD9024	1-803-974-21	VARISTOR, CHIP (1608)	
C9078	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	VD9058	1-803-974-21	VARISTOR, CHIP (1608)	
C9079	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	VD9059	1-803-974-21	VARISTOR, CHIP (1608)	
C9080	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	VD9851	1-803-974-21	VARISTOR, CHIP (1608)	
C9081	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	VD9852	1-801-925-21	VARISTOR, CHIP (1608)	
C9082	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	VD9853	1-801-925-21	VARISTOR, CHIP (1608)	
C9851	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	<b>*A-1147-503-A H3 Board, Complete</b>			
C9852	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V	< CAPACITOR >			
C9853	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C9902	1-126-205-11	ELECT CHIP 47UF 20.00% 6.3V	
C9854	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V	C9903	1-124-779-00	ELECT CHIP 10UF 20.00% 16V	
< CONNECTOR >				C9904	1-162-964-11	CERAMIC CHIP 0.001UF 10.00% 50V	
CN9851	1-573-290-21	PIN, CONNECTOR (1.5MM) (SMD) 4P		C9905	1-119-667-11	CERAMIC CHIP 22UF 10V	
< DIODE >				C9907	1-107-826-11	CERAMIC CHIP 0.1UF 10.00% 16V	
D9035	8-719-977-28	DIODE DTZ10B		< CONNECTOR >			
D9036	8-719-977-28	DIODE DTZ10B		CN9901	1-784-254-11	CONNECTOR 10P	
D9037	8-719-977-28	DIODE DTZ10B		< DIODE >			
D9038	8-719-977-28	DIODE DTZ10B		D9903	6-500-861-01	DIODE SML-020MVT-T86	
D9058	8-719-977-28	DIODE DTZ10B		D9906	6-500-861-01	DIODE SML-020MVT-T86	
D9059	8-719-977-28	DIODE DTZ10B		D9909	8-719-036-94	DIODE RD5.6SB-T1	
				D9912	8-719-064-07	DIODE SML-310LTT86	

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
< IC >				C2520	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
IC9901	6-600-271-01	IC RPM7140-H8		C2521	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
IC9902	6-600-418-01	IC TPS851(A.SONY)		C2522	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
< TRANSISTOR >				C2523	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
Q9902	8-729-907-00	TRANSISTOR DTC114EU		C2524	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
Q9903	8-729-907-00	TRANSISTOR DTC114EU		C2526	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
Q9904	8-729-907-00	TRANSISTOR DTC114EU		C2527	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
Q9905	8-729-907-00	TRANSISTOR DTC114EU		C2528	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
Q9906	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR		C2529	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
Q9907	8-729-907-00	TRANSISTOR DTC114EU		C2530	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
< RESISTOR >				C2531	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
R9902	1-216-818-11	METAL CHIP 560 5% 1/10W		C2532	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
R9903	1-216-817-11	METAL CHIP 470 5% 1/10W		C2533	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R9904	1-216-818-11	METAL CHIP 560 5% 1/10W		C2534	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R9906	1-216-823-11	METAL CHIP 1.5K 5% 1/10W		C2535	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
R9907	1-216-817-11	METAL CHIP 470 5% 1/10W		C2536	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R9908	1-216-805-11	METAL CHIP 47 5% 1/10W		C2537	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
R9910	1-216-821-11	METAL CHIP 1K 5% 1/10W		C2543	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R9911	1-216-839-11	METAL CHIP 33K 5% 1/10W		C2550	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
R9912	1-216-833-11	METAL CHIP 10K 5% 1/10W		C2551	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
R9914	1-216-833-11	METAL CHIP 10K 5% 1/10W		C2552	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
R9915	1-216-837-11	METAL CHIP 22K 5% 1/10W		C2553	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
R9916	1-216-827-11	METAL CHIP 3.3K 5% 1/10W		C2554	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
R9917	1-216-817-11	METAL CHIP 470 5% 1/10W		C2555	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
R9918	1-216-864-11	SHORT CHIP 0		C2558	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
*A-1147-506-A A2E4 Board, Complete (KDL-S40A11E & KDL-S40A12U)				C2559	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
*A-1147-507-A A2E4 Board, Complete (KLV-S40A10E)				C2560	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
A2E4 Board, Common Parts				C2591	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
2-589-377-01	SHEET BB, RADIATION			C2592	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
< CAPACITOR >				C2608	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2500	1-131-661-21	ELECT CHIP 100UF	20% 10V	C2609	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2501	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C2610	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2502	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C2611	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2504	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C2612	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2506	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C2613	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2507	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C6018	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2509	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V	C6019	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2510	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V	C7800	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C2511	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C7802	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C2516	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C7803	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C2517	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	C7804	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C2518	1-162-915-11	CERAMIC CHIP 10PF	0.50PF 50V	C7810	1-126-204-11	ELECT CHIP 47UF	20.00% 16V
C2519	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C7812	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
				C7813	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
				C7815	1-165-870-21	ELECT CHIP 100UF	20.00% 6.3V
				C7817	1-163-005-91	CERAMIC CHIP 470PF	10.00% 50V
				C7818	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
				C7819	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
				C7821	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V
				C7822	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C7823	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C7883	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7825	1-162-906-11	CERAMIC CHIP 1.5PF	0.25PF 50V	C7884	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7826	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C7885	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C7827	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C7886	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7828	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C7887	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7829	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C7888	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7833	1-162-906-11	CERAMIC CHIP 1.5PF	0.25PF 50V	C7889	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7834	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C7890	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C7835	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C7891	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7836	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V	C7892	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7838	1-165-870-21	ELECT CHIP 100UF	20.00% 6.3V	C7893	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C7839	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C7894	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C7840	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C7895	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C7841	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C7896	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C7842	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C7897	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C7843	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C7898	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7844	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C7899	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7845	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C7900	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7846	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C7901	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7847	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C7902	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C7849	1-162-928-11	CERAMIC CHIP 120PF	5.00% 50V	C7903	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C7850	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C7904	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C7851	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C7905	1-164-230-11	CERAMIC CHIP 220PF	5.00% 50V
C7852	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	C7906	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C7853	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C7907	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7854	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C7908	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7855	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	C7909	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C7856	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C7912	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C7857	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	C7913	1-100-591-91	CERAMIC CHIP 1UF	10% 25V
C7858	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C7914	1-100-591-91	CERAMIC CHIP 1UF	10% 25V
C7859	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	C7917	1-164-230-11	CERAMIC CHIP 220PF	5.00% 50V
C7860	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	C7918	1-164-230-11	CERAMIC CHIP 220PF	5.00% 50V
C7861	1-126-401-21	ELECT CHIP 1UF	20.00% 50V	C7919	1-164-230-11	CERAMIC CHIP 220PF	5.00% 50V
C7864	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C7920	1-164-230-11	CERAMIC CHIP 220PF	5.00% 50V
C7865	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C7921	1-100-591-91	CERAMIC CHIP 1UF	10% 25V
C7868	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C7922	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C7869	1-100-912-11	CERAMIC CHIP 1UF	10% 25V	C7927	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C7870	1-100-912-11	CERAMIC CHIP 1UF	10% 25V	C7928	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C7871	1-100-912-11	CERAMIC CHIP 1UF	10% 25V	C7929	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C7872	1-100-912-11	CERAMIC CHIP 1UF	10% 25V	C7930	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C7873	1-100-912-11	CERAMIC CHIP 1UF	10% 25V	C7931	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C7874	1-128-528-11	ELECT 470UF	20% 25V	C7932	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C7875	1-128-360-11	ELECT CHIP 220UF	20.00% 10V	C7933	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C7876	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C7934	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C7877	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C7935	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C7878	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C7936	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C7879	1-162-919-11	CERAMIC CHIP 22PF	5.00% 50V	C7937	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C7880	1-162-919-11	CERAMIC CHIP 22PF	5.00% 50V	C7938	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C7881	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V	C7962	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C7882	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V	C8426	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C8427	1-107-905-11	ELECT 4.7UF	20% 50V	C9576	1-126-964-11	ELECT 10UF	20.00% 50V
C8429	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	C9578	1-162-925-11	CERAMIC CHIP 68PF	5.00% 50V
C8430	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C9579	1-162-925-11	CERAMIC CHIP 68PF	5.00% 50V
C8431	1-163-037-11	CERAMIC CHIP 0.022UF	10.00% 50V	C9581	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C8432	1-126-402-11	ELECT CHIP 2.2UF	20.00% 50V	C9583	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C8433	1-126-404-11	ELECT CHIP 4.7UF	20.00% 50V	C9586	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C8501	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	C9587	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C8502	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	C9588	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C8536	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C9589	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V
C8606	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C9590	1-165-870-21	ELECT CHIP 100UF	20% 6.3V
C8608	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V	C9591	1-162-921-11	CERAMIC CHIP 33PF	5.00% 50V
C8609	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C9592	1-162-921-11	CERAMIC CHIP 33PF	5.00% 50V
C8700	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	C9593	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C8701	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C9594	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
C9500	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V	C9596	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C9502	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V	C9597	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C9504	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V	C9598	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
C9506	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V	C9600	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9508	1-117-681-11	ELECT CHIP 100UF	20.00% 16V	C9601	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9509	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V	C9602	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9510	1-117-681-11	ELECT CHIP 100UF	20.00% 16V	C9603	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C9511	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V	C9605	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9512	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V	C9606	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C9513	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C9607	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C9514	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V	C9608	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C9515	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C9609	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C9520	1-128-992-21	ELECT CHIP 47UF	20% 25V	C9610	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C9521	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V	C9614	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9522	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C9615	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C9523	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V	C9616	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
C9524	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C9617	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C9539	1-128-992-21	ELECT CHIP 47UF	20% 25V	C9620	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9540	1-128-992-21	ELECT CHIP 47UF	20% 25V	C9621	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9541	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C9622	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9542	1-128-992-21	ELECT CHIP 47UF	20% 25V	C9623	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9543	1-128-992-21	ELECT CHIP 47UF	20% 25V	C9624	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C9559	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V	C9634	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C9560	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V	C9641	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
C9561	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C9672	1-100-165-21	ELECT CHIP 47UF	20% 20V
C9562	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V				
C9563	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	< CONNECTOR >			
C9564	1-164-156-11	CERAMIC CHIP 0.1UF	25V	CN7801	1-573-290-21	PIN, CONNECTOR (1.5MM) (SMD) 4P	
C9565	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V	CN7802	*1-764-250-11	PIN, CONNECTOR (PC BOARD) 4P	
C9566	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V	CN8530	*1-819-390-21	FFC/FPC CONNECTOR (ZIF) 49P	
C9567	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V	CN8602	*1-573-768-21	PIN, CONNECTOR (1.5MM) (SMD) 5P	
C9568	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V	CN8603	1-573-806-21	PIN, CONNECTOR (1.5MM) (SMD) 6P	
C9569	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V	CN8605	*1-770-468-21	PIN, CONNECTOR (PC BOARD) 10P	
C9570	1-117-681-11	ELECT CHIP 100UF	20.00% 16V	CN8700	1-816-587-21	PIN, CONNECTOR (PC BOARD) 15P	
C9573	1-162-921-11	CERAMIC CHIP 33PF	5.00% 50V	CN8701	1-764-081-21	PIN, CONNECTOR (PC BOARD) 9P	
C9575	1-162-921-11	CERAMIC CHIP 33PF	5.00% 50V	CN9405	1-794-032-21	PIN, CONNECTOR (PC BOARD) 11P	

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
CN9500	1-695-549-11	SOCKET, PIN 21P		D9509	8-719-069-55	DIODE UDZSTE-175.6B	
CN9501	1-695-549-11	SOCKET, PIN 21P		D9510	8-719-069-55	DIODE UDZSTE-175.6B	
CN9505	1-819-443-11	HEADER ASSEMBLY FOR PWB 15P		D9511	8-719-069-60	DIODE UDZSTE-179.1B	
< DIODE >				D9512	8-719-069-55	DIODE UDZSTE-175.6B	
D2501	8-719-081-97	DIODE MMDL914T1		D9513	8-719-069-60	DIODE UDZSTE-179.1B	
D2502	8-719-081-97	DIODE MMDL914T1		D9514	8-719-069-55	DIODE UDZSTE-175.6B	
D2503	8-719-081-97	DIODE MMDL914T1		D9534	8-719-069-55	DIODE UDZSTE-175.6B	
D6013	6-500-551-01	DIODE MM3Z11VT1		D9537	8-719-069-55	DIODE UDZSTE-175.6B	
D6015	8-719-081-97	DIODE MMDL914T1		D9543	8-719-081-97	DIODE MMDL914T1	
D6016	8-719-081-97	DIODE MMDL914T1		D9544	8-719-069-60	DIODE UDZSTE-179.1B	
D6017	8-719-081-97	DIODE MMDL914T1		D9545	8-719-069-60	DIODE UDZSTE-179.1B	
D6019	8-719-081-97	DIODE MMDL914T1		D9601	8-719-081-98	DIODE MM3Z6V8T1	
D6020	8-719-081-97	DIODE MMDL914T1		D9602	8-719-081-98	DIODE MM3Z6V8T1	
D7800	8-719-081-97	DIODE MMDL914T1		D9603	8-719-081-98	DIODE MM3Z6V8T1	
D7801	8-719-977-28	DIODE DTZ10B		D9604	8-719-081-97	DIODE MMDL914T1	
D7802	8-719-977-28	DIODE DTZ10B		D9605	8-719-081-97	DIODE MMDL914T1	
D7804	8-719-081-97	DIODE MMDL914T1		D9606	8-719-081-97	DIODE MMDL914T1	
D7807	8-719-069-60	DIODE UDZSTE-179.1B		< FERRITE BEAD >			
D7808	8-719-081-97	DIODE MMDL914T1		FB7800	1-414-760-21	FERRITE	0UH
D7809	8-719-081-97	DIODE MMDL914T1		FB7801	1-414-760-21	FERRITE	0UH
D7810	8-719-081-97	DIODE MMDL914T1		FB7802	1-500-230-21	FERRITE	0UH
D7811	8-719-081-97	DIODE MMDL914T1		FB7803	1-500-230-21	FERRITE	0UH
D7812	6-500-884-01	DIODE P6SMBJ30A-5		FB7804	1-500-230-21	FERRITE	0UH
D7813	6-500-884-01	DIODE P6SMBJ30A-5		FB7805	1-500-230-21	FERRITE	0UH
D7814	8-719-081-97	DIODE MMDL914T1		FB7806	1-500-230-21	FERRITE	0UH
D7816	6-500-884-01	DIODE P6SMBJ30A-5		FB7807	1-500-230-21	FERRITE	0UH
D7817	6-500-884-01	DIODE P6SMBJ30A-5		FB7808	1-500-230-21	FERRITE	0UH
D7822	8-719-081-97	DIODE MMDL914T1		FB7809	1-500-230-21	FERRITE	0UH
D7850	8-719-081-97	DIODE MMDL914T1		FB7810	1-469-185-11	FERRITE	0UH
D7860	8-719-081-97	DIODE MMDL914T1		FB7811	1-469-185-11	FERRITE	0UH
D7861	8-719-081-97	DIODE MMDL914T1		FB7812	1-469-185-11	FERRITE	0UH
D7862	8-719-081-97	DIODE MMDL914T1		FB7813	1-469-185-11	FERRITE	0UH
D7864	8-719-081-97	DIODE MMDL914T1		FB7814	1-216-864-11	SHORT CHIP	0
D7889	8-719-081-97	DIODE MMDL914T1		FB7815	1-216-864-11	SHORT CHIP	0
D7890	8-719-081-97	DIODE MMDL914T1		FB8606	1-469-775-21	FERRITE	0UH
D8409	6-500-551-01	DIODE MM3Z11VT1		FB8607	1-414-445-11	FERRITE	0UH
D8410	6-500-551-01	DIODE MM3Z11VT1		FB8609	1-414-445-11	FERRITE	0UH
D8411	8-719-056-82	DIODE UDZ-TE-17-6.2B		FB8610	1-414-445-11	FERRITE	0UH
D8413	8-719-056-82	DIODE UDZ-TE-17-6.2B		FB8611	1-414-445-11	FERRITE	0UH
D8414	6-500-551-01	DIODE MM3Z11VT1		FB8622	1-414-445-11	FERRITE	0UH
D9500	8-719-069-60	DIODE UDZSTE-179.1B		FB8700	1-469-775-21	FERRITE	0UH
D9501	8-719-083-63	DIODE UDZSTE-1713B		FB8702	1-469-775-21	FERRITE	0UH
D9502	8-719-069-55	DIODE UDZSTE-175.6B		FB8703	1-469-775-21	FERRITE	0UH
D9503	8-719-069-60	DIODE UDZSTE-179.1B		FB8704	1-469-775-21	FERRITE	0UH
D9504	8-719-069-55	DIODE UDZSTE-175.6B		FB8705	1-469-775-21	FERRITE	0UH
D9505	8-719-069-60	DIODE UDZSTE-179.1B		FB8706	1-469-775-21	FERRITE	0UH
D9506	8-719-069-55	DIODE UDZSTE-175.6B		FB8707	1-469-775-21	FERRITE	0UH
D9507	8-719-069-60	DIODE UDZSTE-179.1B		FB8709	1-469-775-21	FERRITE	0UH
D9508	8-719-083-63	DIODE UDZSTE-1713B					

**Note :** The components identified by shading and marked  $\Delta$  are critical for safety. Replace only with the part numbers specified in the parts list.

**A2E4**

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
FB8710	1-469-775-21	FERRITE	0UH	L7806	1-412-058-11	INDUCTOR	10UH
FB8711	1-469-775-21	FERRITE	0UH	L7807	1-412-058-11	INDUCTOR	10UH
FB8712	1-469-775-21	FERRITE	0UH	L7809	1-406-663-21	INDUCTOR	47UH
FB8713	1-469-775-21	FERRITE	0UH	L7810	1-456-515-11	INDUCTOR	33UH
FB8714	1-469-775-21	FERRITE	0UH	L7811	1-456-515-11	INDUCTOR	33UH
FB9503	1-469-324-21	FERRITE	0UH	L7812	1-416-865-21	INDUCTOR	33UH
FB9504	1-414-760-21	FERRITE	0UH	L7813	1-416-865-21	INDUCTOR	33UH
FB9505	1-414-760-21	FERRITE	0UH	L8401	1-469-528-91	INDUCTOR	100UH
< FILTER >				L8402	1-412-550-11	INDUCTOR	1.2MH
FL2500	1-233-765-21	FILTER		L8700	1-412-029-11	INDUCTOR	10UH
FL7801	1-234-126-21	FERRITE	0UH	L9500	1-412-029-11	INDUCTOR	10UH
< IC >				L9502	1-412-030-11	INDUCTOR	22UH
IC2500	6-706-475-01	IC TC7SET02FU(T5RSOJF)		L9503	1-414-580-21	INDUCTOR	100NH
IC2501	8-753-212-10	IC CXA2163AQ-T6		L9504	1-414-580-21	INDUCTOR	100NH
IC2504	6-704-465-01	IC MC74LVX8053DTR2		L9505	1-414-580-21	INDUCTOR	100NH
IC2506	6-704-465-01	IC MC74LVX8053DTR2		L9506	1-412-029-11	INDUCTOR	10UH
IC2507	8-759-524-24	IC TC7WT241FU(TE12R)		L9508	1-412-979-21	INDUCTOR	1UH
IC2601	6-704-465-01	IC MC74LVX8053DTR2		L9509	1-412-029-11	INDUCTOR	10UH
IC7803	6-705-679-01	IC RC4558PWR		L9510	1-412-030-11	INDUCTOR	22UH
IC7804	6-708-261-01	IC MSP4411K-QA-D5-001		L9511	1-412-029-11	INDUCTOR	10UH
IC7806	6-705-679-01	IC RC4558PWR		L9512	1-412-029-11	INDUCTOR	10UH
IC7808	8-759-359-49	IC NJM3414AV(TE2)		L9521	1-412-058-11	INDUCTOR	10UH
IC7809	6-707-708-01	IC TPA3004D2PHPR		< PROTECTOR MODULE >			
IC8401	8-749-925-00	IC TK11819MTL		PS7800 $\Delta$	1-533-596-11	IC LINK	4A 90V
IC8500	8-752-072-94	IC CXA1875AM-T4		PS8401 $\Delta$	1-576-646-11	FUSE	0.5A 50V
IC8503	8-752-072-94	IC CXA1875AM-T4		< TRANSISTOR >			
IC9500	8-752-089-33	IC CXA2069Q-TL		Q2501	8-729-010-05	TRANSISTOR	MSB709-RT1
IC9501	8-759-514-57	IC BA7046F		Q2502	8-729-010-05	TRANSISTOR	MSB709-RT1
IC9510	6-706-999-01	IC BA09CC0WFP-E2		Q2503	8-729-010-05	TRANSISTOR	MSB709-RT1
< SOCKET >				Q2504	8-729-010-05	TRANSISTOR	MSB709-RT1
J7800	1-507-792-00	JACK		Q2505	8-729-010-29	TRANSISTOR	MSD601-RST1
J7801	1-793-725-11	JACK BLOCK, PIN 2P		Q2506	8-729-029-00	TRANSISTOR	DTC115EUA-T106
J9153	1-815-015-11	JACK BLOCK, PIN		Q2508	8-729-029-00	TRANSISTOR	DTC115EUA-T106
< COIL >				Q2509	8-729-010-29	TRANSISTOR	MSD601-RST1
L2500	1-409-535-11	INDUCTOR	100UH	Q2510	8-729-010-29	TRANSISTOR	MSD601-RST1
L2504	1-412-029-11	INDUCTOR	10UH	Q2511	8-729-122-63	TRANSISTOR	2SA1226-E4
L2506	1-412-058-11	INDUCTOR	10UH	Q2512	8-729-122-63	TRANSISTOR	2SA1226-E4
L2507	1-412-029-11	INDUCTOR	10UH	Q2513	8-729-010-29	TRANSISTOR	MSD601-RST1
L2508	1-412-029-11	INDUCTOR	10UH	Q2514	8-729-010-29	TRANSISTOR	MSD601-RST1
L2509	1-412-058-11	INDUCTOR	10UH	Q2515	8-729-122-63	TRANSISTOR	2SA1226-E4
L2510	1-412-058-11	INDUCTOR	10UH	Q2601	8-729-029-00	TRANSISTOR	DTC115EUA-T106
L2511	1-412-029-11	INDUCTOR	10UH	Q2611	8-729-122-63	TRANSISTOR	2SA1226-E4
L2512	1-412-029-11	INDUCTOR	10UH	Q2612	8-729-122-63	TRANSISTOR	2SA1226-E4
L2513	1-412-029-11	INDUCTOR	10UH	Q2613	8-729-122-63	TRANSISTOR	2SA1226-E4
L7805	1-412-990-41	INDUCTOR	8.2UH	Q2617	8-729-117-73	TRANSISTOR	2SC4178-F14
				Q2618	8-729-117-73	TRANSISTOR	2SC4178-F14
				Q2619	8-729-117-73	TRANSISTOR	2SC4178-F14

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
Q6006	6-550-363-01	TRANSISTOR 2SB1690KT146		Q8616	6-550-549-01	TRANSISTOR DTC114EUAF106	
Q6007	8-729-045-62	TRANSISTOR 2SK2158-T2B		Q9500	8-729-010-29	TRANSISTOR MSD601-RST1	
Q6008	6-550-549-01	TRANSISTOR DTC114EUAF106		Q9508	8-729-010-29	TRANSISTOR MSD601-RST1	
Q6010	6-550-549-01	TRANSISTOR DTC114EUAF106		Q9509	8-729-010-29	TRANSISTOR MSD601-RST1	
Q7801	8-729-010-29	TRANSISTOR MSD601-RST1		Q9510	8-729-927-99	TRANSISTOR 2SC4617R	
Q7802	8-729-010-29	TRANSISTOR MSD601-RST1		Q9511	8-729-927-99	TRANSISTOR 2SC4617R	
Q7804	8-729-010-29	TRANSISTOR MSD601-RST1		Q9512	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q7805	8-729-010-29	TRANSISTOR MSD601-RST1		Q9513	8-729-010-05	TRANSISTOR MSB709-RT1	
Q7806	8-729-010-29	TRANSISTOR MSD601-RST1		Q9514	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q7808	8-729-905-35	TRANSISTOR 2SC4081-R		Q9515	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q7809	6-550-076-01	TRANSISTOR MUN5213T1		Q9601	8-729-010-29	TRANSISTOR MSD601-RST1	
Q7810	8-729-010-29	TRANSISTOR MSD601-RST1		< RESISTOR >			
Q7811	8-729-010-05	TRANSISTOR MSB709-RT1		R2500	1-216-864-11	SHORT CHIP	0
Q7812	8-729-920-21	TRANSISTOR DTC314TK-T-146		R2501	1-216-809-11	METAL CHIP	100 5% 1/10W
Q7813	8-729-920-21	TRANSISTOR DTC314TK-T-146		R2502	1-216-809-11	METAL CHIP	100 5% 1/10W
Q7814	6-550-076-01	TRANSISTOR MUN5213T1		R2503	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q7815	6-550-585-01	TRANSISTOR 2PC4081R-115		R2506	1-216-838-11	METAL CHIP	27K 5% 1/10W
Q7816	6-550-076-01	TRANSISTOR MUN5213T1		R2507	1-216-864-11	SHORT CHIP	0
Q7817	8-729-905-35	TRANSISTOR 2SC4081-R		R2508	1-216-828-11	METAL CHIP	3.9K 5% 1/10W
Q7818	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR		R2511	1-216-833-11	METAL CHIP	10K 5% 1/10W
Q7819	8-729-029-00	TRANSISTOR DTC115EUA-T106		R2512	1-216-833-11	METAL CHIP	10K 5% 1/10W
Q7820	8-729-010-29	TRANSISTOR MSD601-RST1		R2513	1-216-833-11	METAL CHIP	10K 5% 1/10W
Q7821	8-729-010-29	TRANSISTOR MSD601-RST1		R2514	1-216-864-11	SHORT CHIP	0
Q7822	8-729-010-29	TRANSISTOR MSD601-RST1		R2515	1-216-817-11	METAL CHIP	470 5% 1/10W
Q7823	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR		R2517	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q7824	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR		R2518	1-216-864-11	SHORT CHIP	0
Q7825	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR		R2519	1-216-864-11	SHORT CHIP	0
Q7826	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR		R2520	1-216-864-11	SHORT CHIP	0
Q7827	8-729-905-35	TRANSISTOR 2SC4081-R		R2521	1-216-864-11	SHORT CHIP	0
Q7829	8-729-010-05	TRANSISTOR MSB709-RT1		R2522	1-218-867-11	METAL CHIP	6.8K 0.5% 1/10W
Q7830	8-729-010-05	TRANSISTOR MSB709-RT1		R2523	1-216-864-11	SHORT CHIP	0
Q7831	8-729-010-05	TRANSISTOR MSB709-RT1		R2524	1-218-867-11	METAL CHIP	6.8K 0.5% 1/10W
Q7832	8-729-010-05	TRANSISTOR MSB709-RT1		R2528	1-216-864-11	SHORT CHIP	0
Q7833	8-729-010-05	TRANSISTOR MSB709-RT1		R2529	1-216-864-11	SHORT CHIP	0
Q7834	8-729-010-05	TRANSISTOR MSB709-RT1		R2530	1-216-820-11	METAL CHIP	820 5% 1/10W
Q7835	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR		R2531	1-216-818-11	METAL CHIP	560 5% 1/10W
Q8403	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR		R2534	1-216-864-11	SHORT CHIP	0
Q8404	8-729-905-35	TRANSISTOR 2SC4081-R		R2535	1-216-809-11	METAL CHIP	100 5% 1/10W
Q8490	8-729-010-29	TRANSISTOR MSD601-RST1		R2537	1-216-809-11	METAL CHIP	100 5% 1/10W
Q8500	8-729-028-73	TRANSISTOR DTA114EUA-T106		R2538	1-216-809-11	METAL CHIP	100 5% 1/10W
Q8504	8-729-905-35	TRANSISTOR 2SC4081-R		R2539	1-216-809-11	METAL CHIP	100 5% 1/10W
Q8505	8-729-905-35	TRANSISTOR 2SC4081-R		R2540	1-216-809-11	METAL CHIP	100 5% 1/10W
Q8506	8-729-028-73	TRANSISTOR DTA114EUA-T106		R2542	1-216-809-11	METAL CHIP	100 5% 1/10W
Q8507	6-550-549-01	TRANSISTOR DTC114EUAF106		R2544	1-216-830-11	METAL CHIP	5.6K 5% 1/10W
Q8550	8-729-050-10	TRANSISTOR PMBF170-215		R2545	1-216-817-11	METAL CHIP	470 5% 1/10W
Q8551	8-729-050-10	TRANSISTOR PMBF170-215		R2546	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
Q8552	8-729-023-32	TRANSISTOR 2SK2037		R2547	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
Q8553	8-729-023-32	TRANSISTOR 2SK2037		R2548	1-216-808-11	METAL CHIP	82 5% 1/10W
Q8601	8-729-029-00	TRANSISTOR DTC115EUA-T106					
Q8615	8-729-905-35	TRANSISTOR 2SC4081-R					

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R2549	1-211-985-11	METAL CHIP	47	0.5%	1/10W	R2614	1-216-864-11	SHORT CHIP	0		
R2556	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2615	1-216-864-11	SHORT CHIP	0		
R2558	1-216-864-11	SHORT CHIP	0			R2616	1-216-864-11	SHORT CHIP	0		
R2559	1-216-864-11	SHORT CHIP	0			R2618	1-216-864-11	SHORT CHIP	0		
R2560	1-216-864-11	SHORT CHIP	0			R2619	1-216-864-11	SHORT CHIP	0		
R2561	1-216-864-11	SHORT CHIP	0			R2622	1-216-864-11	SHORT CHIP	0		
R2562	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2623	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2563	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2624	1-216-864-11	SHORT CHIP	0		
R2564	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2627	1-216-864-11	SHORT CHIP	0		
R2565	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2631	1-216-864-11	SHORT CHIP	0		
R2566	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2633	1-216-813-11	METAL CHIP	220	5%	1/10W
R2567	1-216-864-11	SHORT CHIP	0			R2634	1-216-805-11	METAL CHIP	47	5%	1/10W
R2568	1-216-864-11	SHORT CHIP	0			R2635	1-216-864-11	SHORT CHIP	0		
R2569	1-216-864-11	SHORT CHIP	0			R2637	1-216-813-11	METAL CHIP	220	5%	1/10W
R2571	1-216-864-11	SHORT CHIP	0			R2638	1-216-805-11	METAL CHIP	47	5%	1/10W
R2573	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R2639	1-216-864-11	SHORT CHIP	0		
R2574	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2641	1-216-813-11	METAL CHIP	220	5%	1/10W
R2575	1-216-864-11	SHORT CHIP	0			R2642	1-216-805-11	METAL CHIP	47	5%	1/10W
R2576	1-216-864-11	SHORT CHIP	0			R2652	1-216-801-11	METAL CHIP	22	5%	1/10W
R2577	1-216-864-11	SHORT CHIP	0			R2654	1-216-817-11	METAL CHIP	470	5%	1/10W
R2578	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2655	1-216-805-11	METAL CHIP	47	5%	1/10W
R2579	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2656	1-216-864-11	SHORT CHIP	0		
R2580	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2658	1-216-817-11	METAL CHIP	470	5%	1/10W
R2581	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2659	1-216-805-11	METAL CHIP	47	5%	1/10W
R2582	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2661	1-216-864-11	SHORT CHIP	0		
R2583	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2663	1-216-813-11	METAL CHIP	220	5%	1/10W
R2584	1-216-864-11	SHORT CHIP	0			R2664	1-216-805-11	METAL CHIP	47	5%	1/10W
R2586	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2665	1-216-809-11	METAL CHIP	100	5%	1/10W
R2587	1-216-864-11	SHORT CHIP	0			R2667	1-216-813-11	METAL CHIP	220	5%	1/10W
R2588	1-216-864-11	SHORT CHIP	0			R2668	1-216-805-11	METAL CHIP	47	5%	1/10W
R2589	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R2669	1-216-809-11	METAL CHIP	100	5%	1/10W
R2590	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R2671	1-216-813-11	METAL CHIP	220	5%	1/10W
R2591	1-216-809-11	METAL CHIP	100	5%	1/10W	R2672	1-216-805-11	METAL CHIP	47	5%	1/10W
R2592	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2680	1-216-864-11	SHORT CHIP	0		
R2593	1-216-809-11	METAL CHIP	100	5%	1/10W	R2682	1-216-817-11	METAL CHIP	470	5%	1/10W
R2594	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2683	1-216-805-11	METAL CHIP	47	5%	1/10W
R2595	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6031	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2596	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R6032	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R2597	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R6035	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R2598	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6036	1-216-818-11	METAL CHIP	560	5%	1/10W
R2599	1-216-809-11	METAL CHIP	100	5%	1/10W	R6043	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R2600	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6044	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R2601	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6046	1-216-864-11	SHORT CHIP	0		
R2602	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6047	1-216-864-11	SHORT CHIP	0		
R2604	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6048	1-216-864-11	SHORT CHIP	0		
R2605	1-216-864-11	SHORT CHIP	0			R6049	1-216-864-11	SHORT CHIP	0		
R2607	1-216-864-11	SHORT CHIP	0			R6050	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2608	1-216-864-11	SHORT CHIP	0			R6051	1-216-849-11	METAL CHIP	220K	5%	1/10W
R2610	1-216-864-11	SHORT CHIP	0			R6054	1-216-864-11	SHORT CHIP	0		
R2613	1-216-864-11	SHORT CHIP	0			R6055	1-216-864-11	SHORT CHIP	0		



REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R6056	1-216-864-11	SHORT CHIP	0			R7876	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7800	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7877	1-216-837-11	METAL CHIP	22K	5%	1/10W
R7801	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7878	1-218-869-11	METAL CHIP	8.2K	0.5%	1/10W
R7802	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7879	1-218-890-11	METAL CHIP	62K	0.5%	1/10W
R7803	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7880	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7804	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7881	1-216-837-11	METAL CHIP	22K	5%	1/10W
R7805	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R7882	1-218-890-11	METAL CHIP	62K	0.5%	1/10W
R7809	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	R7883	1-218-869-11	METAL CHIP	8.2K	0.5%	1/10W
R7810	1-216-864-11	SHORT CHIP	0			R7884	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7811	1-216-840-11	METAL CHIP	39K	5%	1/10W	R7885	1-216-837-11	METAL CHIP	22K	5%	1/10W
R7812	1-216-840-11	METAL CHIP	39K	5%	1/10W	R7886	1-216-837-11	METAL CHIP	22K	5%	1/10W
R7813	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	R7887	1-216-838-11	METAL CHIP	27K	5%	1/10W
R7814	1-216-864-11	SHORT CHIP	0			R7888	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7815	1-216-864-11	SHORT CHIP	0			R7889	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7821	1-216-845-11	METAL CHIP	100K	5%	1/10W	R7895	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7828	1-216-836-11	METAL CHIP	18K	5%	1/10W	R7896	1-216-864-11	SHORT CHIP	0		
R7829	1-216-839-11	METAL CHIP	33K	5%	1/10W	R7897	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7830	1-218-841-11	METAL CHIP	560	0.5%	1/10W	R7898	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7835	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R7899	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7836	1-216-853-11	METAL CHIP	470K	5%	1/10W	R7900	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7837	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R7901	1-216-864-11	SHORT CHIP	0		
R7838	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7902	1-216-864-11	SHORT CHIP	0		
R7839	1-216-853-11	METAL CHIP	470K	5%	1/10W	R7903	1-216-842-11	METAL CHIP	56K	5%	1/10W
R7840	1-216-809-11	METAL CHIP	100	5%	1/10W	R7904	1-216-842-11	METAL CHIP	56K	5%	1/10W
R7841	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7906	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7843	1-216-809-11	METAL CHIP	100	5%	1/10W	R7907	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7844	1-216-845-11	METAL CHIP	100K	5%	1/10W	R7908	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7846	1-216-864-11	SHORT CHIP	0			R7909	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7847	1-216-836-11	METAL CHIP	18K	5%	1/10W	R7910	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7848	1-216-839-11	METAL CHIP	33K	5%	1/10W	R7911	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7849	1-218-841-11	METAL CHIP	560	0.5%	1/10W	R7912	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7851	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7913	1-216-864-11	SHORT CHIP	0		
R7852	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7914	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7853	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7915	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7854	1-216-864-11	SHORT CHIP	0			R7917	1-216-864-11	SHORT CHIP	0		
R7856	1-216-864-11	SHORT CHIP	0			R7919	1-216-864-11	SHORT CHIP	0		
R7857	1-216-821-11	METAL CHIP	1K	5%	1/10W	R7920	1-218-872-11	METAL CHIP	11K	0.5%	1/10W
R7859	1-218-866-11	METAL CHIP	6.2K	0.5%	1/10W	R7921	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R7860	1-218-866-11	METAL CHIP	6.2K	0.5%	1/10W	R7922	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7861	1-216-864-11	SHORT CHIP	0			R7923	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R7864	1-216-805-11	METAL CHIP	47	5%	1/10W	R7924	1-216-846-11	METAL CHIP	120K	5%	1/10W
R7865	1-216-821-11	METAL CHIP	1K	5%	1/10W	R7925	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7866	1-218-866-11	METAL CHIP	6.2K	0.5%	1/10W	R7926	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7867	1-218-866-11	METAL CHIP	6.2K	0.5%	1/10W	R7927	1-216-846-11	METAL CHIP	120K	5%	1/10W
R7869	1-216-834-11	METAL CHIP	12K	5%	1/10W	R7928	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7871	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7929	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R7872	1-216-853-11	METAL CHIP	470K	5%	1/10W	R7930	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7873	1-216-864-11	SHORT CHIP	0			R7931	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7874	1-216-864-11	SHORT CHIP	0			R7932	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7875	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7933	1-216-864-11	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
R7934	1-216-864-11	SHORT CHIP	0	R8003	1-216-833-11	METAL CHIP	10K 5% 1/10W
R7935	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	R8004	1-216-833-11	METAL CHIP	10K 5% 1/10W
R7936	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	R8010	1-216-837-11	METAL CHIP	22K 5% 1/10W
R7937	1-216-813-11	METAL CHIP	220 5% 1/10W	R8011	1-216-837-11	METAL CHIP	22K 5% 1/10W
R7938	1-216-845-11	METAL CHIP	100K 5% 1/10W	R8012	1-216-837-11	METAL CHIP	22K 5% 1/10W
R7940	1-216-813-11	METAL CHIP	220 5% 1/10W	R8013	1-216-837-11	METAL CHIP	22K 5% 1/10W
R7941	1-216-845-11	METAL CHIP	100K 5% 1/10W	R8018	1-216-864-11	SHORT CHIP	0
R7943	1-216-864-11	SHORT CHIP	0	R8019	1-216-864-11	SHORT CHIP	0
R7944	1-216-864-11	SHORT CHIP	0	R8020	1-216-864-11	SHORT CHIP	0
R7945	1-216-864-11	SHORT CHIP	0	R8021	1-414-760-21	FERRITE	00H
R7946	1-216-846-11	METAL CHIP	120K 5% 1/10W	R8022	1-216-833-11	METAL CHIP	10K 5% 1/10W
R7947	1-216-845-11	METAL CHIP	100K 5% 1/10W	R8023	1-216-864-11	SHORT CHIP	0
R7948	1-216-864-11	SHORT CHIP	0	R8024	1-216-864-11	SHORT CHIP	0
R7949	1-216-864-11	SHORT CHIP	0	R8025	1-216-864-11	SHORT CHIP	0
R7951	1-216-845-11	METAL CHIP	100K 5% 1/10W	R8200	1-216-864-11	SHORT CHIP	0
R7952	1-216-845-11	METAL CHIP	100K 5% 1/10W	R8201	1-216-864-11	SHORT CHIP	0
R7953	1-216-845-11	METAL CHIP	100K 5% 1/10W	R8202	1-216-864-11	SHORT CHIP	0
R7954	1-216-845-11	METAL CHIP	100K 5% 1/10W	R8203	1-216-864-11	SHORT CHIP	0
R7956	1-216-845-11	METAL CHIP	100K 5% 1/10W	R8206	1-216-864-11	SHORT CHIP	0
R7957	1-216-845-11	METAL CHIP	100K 5% 1/10W	R8207	1-216-864-11	SHORT CHIP	0
R7958	1-216-833-11	METAL CHIP	10K 5% 1/10W	R8208	1-216-864-11	SHORT CHIP	0
R7959	1-216-845-11	METAL CHIP	100K 5% 1/10W	R8209	1-216-864-11	SHORT CHIP	0
R7960	1-216-864-11	SHORT CHIP	0	R8210	1-216-864-11	SHORT CHIP	0
R7961	1-216-845-11	METAL CHIP	100K 5% 1/10W	R8211	1-216-864-11	SHORT CHIP	0
R7962	1-216-842-11	METAL CHIP	56K 5% 1/10W	R8212	1-216-864-11	SHORT CHIP	0
R7963	1-216-864-11	SHORT CHIP	0	R8213	1-216-864-11	SHORT CHIP	0
R7964	1-216-864-11	SHORT CHIP	0	R8214	1-216-864-11	SHORT CHIP	0
R7965	1-216-853-11	METAL CHIP	470K 5% 1/10W	R8215	1-216-864-11	SHORT CHIP	0
R7966	1-216-853-11	METAL CHIP	470K 5% 1/10W	R8433	1-216-821-11	METAL CHIP	1K 5% 1/10W
R7967	1-216-821-11	METAL CHIP	1K 5% 1/10W	R8434	1-216-821-11	METAL CHIP	1K 5% 1/10W
R7968	1-216-821-11	METAL CHIP	1K 5% 1/10W	R8435	1-216-864-11	SHORT CHIP	0
R7969	1-216-864-11	SHORT CHIP	0	R8436	1-216-821-11	METAL CHIP	1K 5% 1/10W
R7970	1-216-864-11	SHORT CHIP	0	R8437	1-218-692-11	METAL CHIP	1K 0.5% 1/10W
R7971	1-216-864-11	SHORT CHIP	0	R8438	1-216-805-11	METAL CHIP	47 5% 1/10W
R7973	1-216-833-11	METAL CHIP	10K 5% 1/10W	R8439	1-216-805-11	METAL CHIP	47 5% 1/10W
R7977	1-216-864-11	SHORT CHIP	0	R8441	1-216-833-11	METAL CHIP	10K 5% 1/10W
R7979	1-216-864-11	SHORT CHIP	0	R8442	1-216-833-11	METAL CHIP	10K 5% 1/10W
R7981	1-216-864-11	SHORT CHIP	0	R8498	1-216-833-11	METAL CHIP	10K 5% 1/10W
R7983	1-216-864-11	SHORT CHIP	0	R8499	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R7985	1-216-845-11	METAL CHIP	100K 5% 1/10W	R8500	1-216-833-11	METAL CHIP	10K 5% 1/10W
R7986	1-216-845-11	METAL CHIP	100K 5% 1/10W	R8515	1-216-833-11	METAL CHIP	10K 5% 1/10W
R7991	1-216-864-11	SHORT CHIP	0	R8529	1-216-864-11	SHORT CHIP	0
R7993	1-218-866-11	METAL CHIP	6.2K 0.5% 1/10W	R8530	1-216-864-11	SHORT CHIP	0
R7994	1-218-866-11	METAL CHIP	6.2K 0.5% 1/10W	R8531	1-216-864-11	SHORT CHIP	0
R7995	1-216-841-11	METAL CHIP	47K 5% 1/10W	R8532	1-216-864-11	SHORT CHIP	0
R7996	1-216-841-11	METAL CHIP	47K 5% 1/10W	R8533	1-216-864-11	SHORT CHIP	0
R7997	1-216-864-11	SHORT CHIP	0	R8534	1-216-864-11	SHORT CHIP	0
R7998	1-216-864-11	SHORT CHIP	0	R8535	1-216-864-11	SHORT CHIP	0
R7999	1-216-864-11	SHORT CHIP	0	R8536	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R8000	1-216-864-11	SHORT CHIP	0	R8538	1-216-864-11	SHORT CHIP	0

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R8539	1-216-864-11	SHORT CHIP	0			R8618	1-216-864-11	SHORT CHIP	0		
R8540	1-216-864-11	SHORT CHIP	0			R8619	1-216-843-11	METAL CHIP	68K	5%	1/10W
R8541	1-216-864-11	SHORT CHIP	0			R8620	1-216-851-11	METAL CHIP	330K	5%	1/10W
R8542	1-216-864-11	SHORT CHIP	0			R8622	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8543	1-216-864-11	SHORT CHIP	0			R8623	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8544	1-216-864-11	SHORT CHIP	0			R8624	1-216-835-11	METAL CHIP	15K	5%	1/10W
R8545	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R8625	1-216-864-11	SHORT CHIP	0		
R8546	1-216-833-11	METAL CHIP	10K	5%	1/10W	R8700	1-216-864-11	SHORT CHIP	0		
R8547	1-216-833-11	METAL CHIP	10K	5%	1/10W	R8701	1-216-864-11	SHORT CHIP	0		
R8548	1-216-864-11	SHORT CHIP	0			R8702	1-216-864-11	SHORT CHIP	0		
R8549	1-216-864-11	SHORT CHIP	0			R8703	1-216-864-11	SHORT CHIP	0		
R8550	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R8704	1-216-864-11	SHORT CHIP	0		
R8551	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R9401	1-216-864-11	SHORT CHIP	0		
R8552	1-216-833-11	METAL CHIP	10K	5%	1/10W	R9402	1-216-864-11	SHORT CHIP	0		
R8553	1-216-864-11	SHORT CHIP	0			R9407	1-216-864-11	SHORT CHIP	0		
R8555	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R9408	1-216-864-11	SHORT CHIP	0		
R8556	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R9409	1-216-864-11	SHORT CHIP	0		
R8557	1-216-833-11	METAL CHIP	10K	5%	1/10W	R9500	1-216-864-11	SHORT CHIP	0		
R8558	1-216-864-11	SHORT CHIP	0			R9501	1-216-864-11	SHORT CHIP	0		
R8564	1-216-864-11	SHORT CHIP	0			R9503	1-216-815-11	METAL CHIP	330	5%	1/10W
R8565	1-216-864-11	SHORT CHIP	0			R9504	1-216-049-11	RES-CHIP	1K	5%	1/10W
R8566	1-216-864-11	SHORT CHIP	0			R9505	1-216-813-11	METAL CHIP	220	5%	1/10W
R8567	1-216-864-11	SHORT CHIP	0			R9506	1-216-864-11	SHORT CHIP	0		
R8568	1-216-864-11	SHORT CHIP	0			R9507	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8569	1-216-864-11	SHORT CHIP	0			R9508	1-216-815-11	METAL CHIP	330	5%	1/10W
R8570	1-216-864-11	SHORT CHIP	0			R9509	1-216-049-11	RES-CHIP	1K	5%	1/10W
R8571	1-216-864-11	SHORT CHIP	0			R9510	1-216-029-00	RES-CHIP	150	5%	1/10W
R8572	1-216-864-11	SHORT CHIP	0			R9511	1-216-813-11	METAL CHIP	220	5%	1/10W
R8573	1-216-864-11	SHORT CHIP	0			R9512	1-216-864-11	SHORT CHIP	0		
R8574	1-216-864-11	SHORT CHIP	0			R9513	1-216-025-11	RES-CHIP	100	5%	1/10W
R8575	1-216-864-11	SHORT CHIP	0			R9514	1-216-025-11	RES-CHIP	100	5%	1/10W
R8576	1-216-864-11	SHORT CHIP	0			R9515	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8577	1-216-864-11	SHORT CHIP	0			R9516	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8578	1-216-864-11	SHORT CHIP	0			R9517	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8579	1-216-864-11	SHORT CHIP	0			R9518	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8580	1-216-864-11	SHORT CHIP	0			R9520	1-216-029-00	RES-CHIP	150	5%	1/10W
R8581	1-216-864-11	SHORT CHIP	0			R9521	1-216-029-00	RES-CHIP	150	5%	1/10W
R8582	1-216-839-11	METAL CHIP	33K	5%	1/10W	R9522	1-216-029-00	RES-CHIP	150	5%	1/10W
R8583	1-216-864-11	SHORT CHIP	0			R9523	1-216-025-11	RES-CHIP	100	5%	1/10W
R8591	1-216-833-11	METAL CHIP	10K	5%	1/10W	R9524	1-216-025-11	RES-CHIP	100	5%	1/10W
R8592	1-216-833-11	METAL CHIP	10K	5%	1/10W	R9525	1-216-025-11	RES-CHIP	100	5%	1/10W
R8593	1-216-833-11	METAL CHIP	10K	5%	1/10W	R9526	1-216-022-00	RES-CHIP	75	5%	1/10W
R8594	1-216-864-11	SHORT CHIP	0			R9527	1-216-029-00	RES-CHIP	150	5%	1/10W
R8595	1-216-864-11	SHORT CHIP	0			R9528	1-216-029-00	RES-CHIP	150	5%	1/10W
R8596	1-216-864-11	SHORT CHIP	0			R9529	1-216-025-11	RES-CHIP	100	5%	1/10W
R8597	1-216-864-11	SHORT CHIP	0			R9530	1-216-809-11	METAL CHIP	100	5%	1/10W
R8598	1-216-864-11	SHORT CHIP	0			R9531	1-216-815-11	METAL CHIP	330	5%	1/10W
R8605	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R9532	1-216-049-11	RES-CHIP	1K	5%	1/10W
R8613	1-216-809-11	METAL CHIP	100	5%	1/10W	R9533	1-216-815-11	METAL CHIP	330	5%	1/10W
R8617	1-216-864-11	SHORT CHIP	0			R9534	1-216-821-11	METAL CHIP	1K	5%	1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R9535	1-216-813-11	METAL CHIP	220	5%	1/10W	R9617	1-216-809-11	METAL CHIP	100	5%	1/10W
R9536	1-216-864-11	SHORT CHIP	0			R9618	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9537	1-216-813-11	METAL CHIP	220	5%	1/10W	R9619	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9538	1-216-853-11	METAL CHIP	470K	5%	1/10W	R9620	1-216-864-11	SHORT CHIP	0		
R9539	1-216-853-11	METAL CHIP	470K	5%	1/10W	R9621	1-216-864-11	SHORT CHIP	0		
R9540	1-216-049-11	RES-CHIP	1K	5%	1/10W	R9623	1-216-864-11	SHORT CHIP	0		
R9541	1-216-029-00	RES-CHIP	150	5%	1/10W	R9624	1-216-864-11	SHORT CHIP	0		
R9543	1-216-029-00	RES-CHIP	150	5%	1/10W	R9626	1-216-809-11	METAL CHIP	100	5%	1/10W
R9544	1-216-864-11	SHORT CHIP	0			R9627	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9545	1-216-025-11	RES-CHIP	100	5%	1/10W	R9628	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9546	1-216-025-11	RES-CHIP	100	5%	1/10W	R9629	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9547	1-216-025-11	RES-CHIP	100	5%	1/10W	R9630	1-216-809-11	METAL CHIP	100	5%	1/10W
R9548	1-216-837-11	METAL CHIP	22K	5%	1/10W	R9631	1-216-809-11	METAL CHIP	100	5%	1/10W
R9549	1-216-853-11	METAL CHIP	470K	5%	1/10W	R9632	1-216-864-11	SHORT CHIP	0		
R9550	1-216-853-11	METAL CHIP	470K	5%	1/10W	R9633	1-216-864-11	SHORT CHIP	0		
R9551	1-216-022-00	RES-CHIP	75	5%	1/10W	R9634	1-216-864-11	SHORT CHIP	0		
R9552	1-216-029-00	RES-CHIP	150	5%	1/10W	R9636	1-216-864-11	SHORT CHIP	0		
R9553	1-216-029-00	RES-CHIP	150	5%	1/10W	R9637	1-216-864-11	SHORT CHIP	0		
R9554	1-216-029-00	RES-CHIP	150	5%	1/10W	R9638	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9555	1-216-029-00	RES-CHIP	150	5%	1/10W	R9639	1-216-809-11	METAL CHIP	100	5%	1/10W
R9556	1-216-025-11	RES-CHIP	100	5%	1/10W	R9640	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9557	1-216-025-11	RES-CHIP	100	5%	1/10W	R9641	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9558	1-216-025-11	RES-CHIP	100	5%	1/10W	R9642	1-216-809-11	METAL CHIP	100	5%	1/10W
R9559	1-216-025-11	RES-CHIP	100	5%	1/10W	R9643	1-216-809-11	METAL CHIP	100	5%	1/10W
R9560	1-216-864-11	SHORT CHIP	0			R9644	1-216-864-11	SHORT CHIP	0		
R9561	1-216-864-11	SHORT CHIP	0			R9645	1-216-864-11	SHORT CHIP	0		
R9562	1-216-864-11	SHORT CHIP	0			R9646	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9564	1-216-864-11	SHORT CHIP	0			R9647	1-216-812-11	METAL CHIP	180	5%	1/10W
R9565	1-216-864-11	SHORT CHIP	0			R9648	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9566	1-216-811-11	METAL CHIP	150	5%	1/10W	R9649	1-216-833-11	METAL CHIP	10K	5%	1/10W
R9567	1-216-864-11	SHORT CHIP	0			R9650	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9568	1-216-811-11	METAL CHIP	150	5%	1/10W	R9651	1-218-898-11	METAL CHIP	130K	0.5%	1/10W
R9569	1-216-864-11	SHORT CHIP	0			R9652	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9570	1-216-811-11	METAL CHIP	150	5%	1/10W	R9653	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9573	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	R9656	1-216-817-11	METAL CHIP	470	5%	1/10W
R9574	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W	R9658	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R9581	1-216-811-11	METAL CHIP	150	5%	1/10W	R9659	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R9582	1-216-811-11	METAL CHIP	150	5%	1/10W	R9660	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W
R9583	1-216-811-11	METAL CHIP	150	5%	1/10W	R9661	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R9588	1-216-834-11	METAL CHIP	12K	5%	1/10W	R9662	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R9589	1-216-834-11	METAL CHIP	12K	5%	1/10W	R9663	1-216-809-11	METAL CHIP	100	5%	1/10W
R9606	1-216-864-11	SHORT CHIP	0			R9664	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W
R9609	1-216-833-11	METAL CHIP	10K	5%	1/10W	R9667	1-216-850-11	METAL CHIP	270K	5%	1/10W
R9610	1-216-836-11	METAL CHIP	18K	5%	1/10W	R9668	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9611	1-216-809-11	METAL CHIP	100	5%	1/10W	R9669	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9612	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R9670	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R9613	1-216-809-11	METAL CHIP	100	5%	1/10W	R9672	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9614	1-216-864-11	SHORT CHIP	0			R9673	1-216-813-11	METAL CHIP	220	5%	1/10W
R9615	1-216-821-11	METAL CHIP	1K	5%	1/10W	R9675	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9616	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R9676	1-216-821-11	METAL CHIP	1K	5%	1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
R9677	1-216-821-11	METAL CHIP	1K 5% 1/10W	VD7805	1-803-974-21	VARISTOR, CHIP	(1608)
R9679	1-216-809-11	METAL CHIP	100 5% 1/10W	VD7806	1-801-925-21	VARISTOR, CHIP	(1608)
R9680	1-216-821-11	METAL CHIP	1K 5% 1/10W	VD7807	1-801-925-21	VARISTOR, CHIP	(1608)
R9681	1-216-809-11	METAL CHIP	100 5% 1/10W	VD7808	1-801-925-21	VARISTOR, CHIP	(1608)
R9682	1-216-864-11	SHORT CHIP	0	VD7809	1-801-925-21	VARISTOR, CHIP	(1608)
R9683	1-216-864-11	SHORT CHIP	0	VDR001	1-803-974-21	VARISTOR, CHIP	(1608)
R9684	1-216-864-11	SHORT CHIP	0	VDR002	1-803-974-21	VARISTOR, CHIP	(1608)
R9685	1-216-864-11	SHORT CHIP	0	VDR003	1-803-974-21	VARISTOR, CHIP	(1608)
R9686	1-216-864-11	SHORT CHIP	0	VDR004	1-803-974-21	VARISTOR, CHIP	(1608)
R9689	1-216-821-11	METAL CHIP	1K 5% 1/10W	VDR005	1-803-974-21	VARISTOR, CHIP	(1608)
R9690	1-216-821-11	METAL CHIP	1K 5% 1/10W	VDR006	1-803-974-21	VARISTOR, CHIP	(1608)
R9691	1-216-853-11	METAL CHIP	470K 5% 1/10W	VDR007	1-803-974-21	VARISTOR, CHIP	(1608)
R9692	1-216-853-11	METAL CHIP	470K 5% 1/10W	VDR008	1-803-974-21	VARISTOR, CHIP	(1608)
R9693	1-216-029-00	RES-CHIP	150 5% 1/10W	VDR009	1-803-974-21	VARISTOR, CHIP	(1608)
R9694	1-216-864-11	SHORT CHIP	0	VDR010	1-803-974-21	VARISTOR, CHIP	(1608)
R9695	1-216-864-11	SHORT CHIP	0	VDR011	1-803-974-21	VARISTOR, CHIP	(1608)
R9696	1-216-864-11	SHORT CHIP	0	VDR012	1-803-974-21	VARISTOR, CHIP	(1608)
R9697	1-216-029-00	RES-CHIP	150 5% 1/10W	VDR013	1-803-974-21	VARISTOR, CHIP	(1608)
R9698	1-216-029-00	RES-CHIP	150 5% 1/10W	< CRYSTAL >			
R9699	1-216-029-00	RES-CHIP	150 5% 1/10W	X2500	1-781-914-21	VIBRATOR, CRYSTAL	
R9700	1-216-029-00	RES-CHIP	150 5% 1/10W	X7800	1-795-612-11	VIBRATOR, CRYSTAL	
R9701	1-216-029-00	RES-CHIP	150 5% 1/10W	<b>A2E4 Variant Parts KDL-S40A12U/S40A11E</b>			
R9702	1-216-029-00	RES-CHIP	150 5% 1/10W	< CONNECTOR >			
R9703	1-216-029-00	RES-CHIP	150 5% 1/10W	CN8550	1-764-079-21	PIN, CONNECTOR (PC BOARD) 4P	
R9704	1-216-029-00	RES-CHIP	150 5% 1/10W	CN8551	*1-695-890-21	PIN, CONNECTOR (PC BOARD) 12P	
R9705	1-216-029-00	RES-CHIP	150 5% 1/10W	< DIODE >			
R9706	1-216-029-00	RES-CHIP	150 5% 1/10W	D6014	8-719-081-97	DIODE MMDL914T1	
R9707	1-216-029-00	RES-CHIP	150 5% 1/10W	D8412	8-719-056-82	DIODE UDZ-TE-17-6.2B	
R9708	1-216-029-00	RES-CHIP	150 5% 1/10W	< RESISTOR >			
R9709	1-216-029-00	RES-CHIP	150 5% 1/10W	R6045	1-216-864-11	SHORT CHIP	0
R9710	1-216-864-11	SHORT CHIP	0	R8002	NOT FITTED		
R9713	1-216-864-11	SHORT CHIP	0	R8560	1-216-864-11	SHORT CHIP	0
R9714	1-216-864-11	SHORT CHIP	0	R8561	1-216-864-11	SHORT CHIP	0
R9715	1-216-864-11	SHORT CHIP	0	R8562	1-216-864-11	SHORT CHIP	0
R9716	1-216-864-11	SHORT CHIP	0	R8563	1-216-864-11	SHORT CHIP	0
R9717	1-216-864-11	SHORT CHIP	0	<b>A2E4 Variant Parts KLV-S40A10E</b>			
R9718	1-216-864-11	SHORT CHIP	0	< CONNECTOR >			
R9719	1-216-864-11	SHORT CHIP	0	CN8550	NOT FITTED		
R9727	1-216-864-11	SHORT CHIP	0	CN8551	NOT FITTED		
R9899	1-216-864-11	SHORT CHIP	0	< DIODE >			
< TUNER >				D6014	NOT FITTED		
TU9500	8-597-993-00	TUNER, FSS BTF-EF412Z		D8412	NOT FITTED		
< VARISTOR >							
VD7800	1-803-974-21	VARISTOR, CHIP	(1608)				
VD7801	1-801-925-21	VARISTOR, CHIP	(1608)				
VD7802	1-801-925-21	VARISTOR, CHIP	(1608)				
VD7803	1-803-974-21	VARISTOR, CHIP	(1608)				
VD7804	1-803-974-21	VARISTOR, CHIP	(1608)				

**Note :** The components identified by shading and marked  $\Delta$  are critical for safety. Replace only with the part numbers specified in the parts list.

**A2E4 N1**

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
< RESISTOR >				D0008	8-719-083-58	DIODE UDZSTE-173.9B	
R6045	NOT FITTED			< FUSE >			
R8002	1-216-845-11	METAL CHIP 100K 5% 1/10W		F0001 $\Delta$	1-576-415-21	FUSE 2A 32V	
R8560	NOT FITTED			< FERRITE BEAD >			
R8561	NOT FITTED			FB0001	1-469-869-21	FERRITE 0UH	
R8562	NOT FITTED			FB0002	1-469-869-21	FERRITE 0UH	
R8563	NOT FITTED			FB0003	1-469-869-21	FERRITE 0UH	
				FB0004	1-469-869-21	FERRITE 0UH	
				< FILTER >			
				FL0001	1-239-899-21	FERRITE 0UH	
				< IC >			
				IC0001	6-702-142-01	IC PQ1CY1032ZP	
				IC0002	6-706-953-01	IC PQ070XZ1HZPH	
				IC0004	8-759-460-79	IC BA09FP-E2	
				< COIL >			
				L0001	1-409-556-11	INDUCTOR 47UH	
				L0002	1-400-175-21	INDUCTOR 47UH	
				L0004	1-412-006-31	INDUCTOR 10UH	
				< RESISTOR >			
				R0002	1-208-696-11	METAL CHIP 3.6K 0.5% 1/16W	
				R0004	1-208-691-11	METAL CHIP 2.2K 0.5% 1/16W	
				R0010	1-216-821-11	METAL CHIP 1K 5% 1/10W	
				R0011	1-216-841-11	METAL CHIP 47K 5% 1/10W	
				R0012	1-218-941-81	RES-CHIP 100 5% 1/16W	
				R0013	1-218-941-81	RES-CHIP 100 5% 1/16W	
				R0017	1-218-965-11	RES-CHIP 10K 5% 1/16W	
				R0018	1-218-953-11	RES-CHIP 1K 5% 1/16W	
				R0019	1-216-864-11	SHORT CHIP 0	
				R0020	1-216-864-11	SHORT CHIP 0	
				R0021	1-218-990-81	SHORT CHIP 0	
				R0022	1-218-990-81	SHORT CHIP 0	
				R0027	1-218-855-11	METAL CHIP 2.2K 0.5% 1/10W	
				R0028	1-218-855-11	METAL CHIP 2.2K 0.5% 1/10W	
				< TUNER >			
				TU0001	8-597-995-00	FSS BTP-DU611Z	
				TU0002	1-417-580-11	RF SPLITTER	
				< DIODE >			
D0001	8-719-081-97	DIODE MMDL914T1					
D0002	8-719-073-34	DIODE EC21QS03L-TE12L					
D0003	8-719-081-97	DIODE MMDL914T1					
D0006	8-719-083-87	DIODE UDZS-TE17-33B					
D0007	8-719-081-97	DIODE MMDL914T1					

**\*A-1139-853-A N1 Board, Complete**

\*1-963-849-11 CORD WITH COAXIAL 470MM  
8-597-541-00 TUNER, FSS BTP-DC411Z

< CAPACITOR >

C0001	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C0002	1-100-631-21	ELECT CHIP 82UF	20% 20V
C0003	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
C0004	1-165-671-21	ELECT CHIP 470UF	20% 6.3V
C0005	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C0007	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C0008	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C0009	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C0015	1-100-567-81	CERAMIC CHIP 10000PF	10% 25V
C0016	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C0017	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C0018	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C0019	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C0020	1-128-991-21	ELECT CHIP 10UF	20% 50V
C0021	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C0022	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C0023	1-100-053-21	ELECT CHIP 220UF	20% 6.3V
C0025	1-128-991-21	ELECT CHIP 10UF	20% 50V
C0026	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
C0027	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C0028	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C0029	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C0035	1-100-053-21	ELECT CHIP 220UF	20% 6.3V

< CONNECTOR >

CN0001	*1-779-268-21	PIN, CONNECTOR (1.5MM) (SMD) 11P
CN0002	*1-766-376-11	PIN, CONNECTOR (1.5MM) (SMD) 9P
CN0003	*1-764-080-21	PIN, CONNECTOR (PC BOARD) 8P
CN0005	*1-770-468-21	PIN, CONNECTOR (PC BOARD) 10P

< DIODE >

D0001	8-719-081-97	DIODE MMDL914T1
D0002	8-719-073-34	DIODE EC21QS03L-TE12L
D0003	8-719-081-97	DIODE MMDL914T1
D0006	8-719-083-87	DIODE UDZS-TE17-33B
D0007	8-719-081-97	DIODE MMDL914T1

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
<b>*A-1142-596-B N Board, Complete KDL-S40A11E only</b>				C3201	1-117-720-11	CERAMIC CHIP 4.7UF	10V
<b>*A-1122-473-D N Board, Complete KDL-S40A12U only</b>				C3202	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
<b>N Board Common Parts</b>				C3203	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
	2-580-625-01	SCREW, +B M2X8		C3204	1-164-846-11	CERAMIC CHIP 6PF	0.50PF 50V
	4-204-791-01	SCREW + B, 2X8		C3205	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
A3300	*1-815-640-21	CONNECTOR, CARD (PCMCIA CARD)		C3206	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
	< CAPACITOR >			C3207	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3100	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	C3208	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3101	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V	C3209	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3102	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	C3210	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3103	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3211	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3104	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3212	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C3105	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3213	1-164-846-11	CERAMIC CHIP 6PF	0.50PF 50V
C3106	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3214	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3107	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3215	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3108	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3216	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3109	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3217	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3110	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3218	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3111	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3219	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3112	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3220	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3113	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3230	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3114	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3300	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3115	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3301	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3116	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3303	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3117	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3304	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3118	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C3306	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3119	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3307	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3120	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3308	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3121	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3309	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3122	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3310	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3123	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3311	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3124	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3312	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3125	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3313	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3126	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3314	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3127	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3315	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3128	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3316	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3129	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3317	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3130	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3318	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3131	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3320	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3132	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V	C3321	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3133	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3322	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3134	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3323	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3135	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3324	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3136	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3326	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3137	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3400	1-100-611-91	CERAMIC CHIP 22UF	20% 6.3V
C3138	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	C3402	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3200	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3403	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
				C3404	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
				C3405	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
				C3406	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C3407	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C3520	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3408	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3521	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3409	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C3522	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3410	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3523	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3411	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V	C3524	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3412	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V	C3525	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3413	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V	C3526	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V
C3414	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3527	1-164-872-11	CERAMIC CHIP 82PF	5.00% 50V
C3415	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3528	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V
C3416	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3529	1-164-872-11	CERAMIC CHIP 82PF	5.00% 50V
C3417	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3530	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3418	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3531	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3419	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V	C3532	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C3420	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V	C3533	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3421	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C3534	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3422	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C3535	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3423	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3536	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3424	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3537	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3425	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C3538	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3426	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3539	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3427	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3540	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3428	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3541	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3429	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3542	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3430	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3543	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3431	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3544	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3432	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3545	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3433	1-100-354-21	ELECT CHIP 220UF	20% 6.3V	C3546	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3434	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V	C3547	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3435	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V	C3548	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3436	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V	C3549	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3438	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	C3550	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3439	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3551	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3440	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	C3552	1-164-860-11	CERAMIC CHIP 27PF	5.00% 50V
C3441	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	C3553	1-164-860-11	CERAMIC CHIP 27PF	5.00% 50V
C3442	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3570	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3443	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3571	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3444	1-100-611-91	CERAMIC CHIP 22UF	20% 6.3V	C3800	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3445	1-100-611-91	CERAMIC CHIP 22UF	20% 6.3V	C3801	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3446	1-100-611-91	CERAMIC CHIP 22UF	20% 6.3V	C3802	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3447	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3804	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3448	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3805	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3449	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3806	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3450	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V	C3807	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3451	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V	C3808	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3452	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V	C3809	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3504	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3810	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3509	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C3811	1-164-935-11	CERAMIC CHIP 470PF	10.00% 50V
C3513	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V	C3812	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3514	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3813	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3518	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3814	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V



REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C3816	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	FB3408	1-400-461-21	FERRITE	OUH
C3817	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	FB3409	1-400-461-21	FERRITE	OUH
< CONNECTOR >				FB3410	1-400-461-21	FERRITE	OUH
CN3300	*1-815-641-11	CONNECTOR, CARD (PCMCIA CARD)		FB3411	1-400-461-21	FERRITE	OUH
CN3400	1-695-209-21	PIN, CONNECTOR (PC BOARD) 15P		FB3412	1-400-834-11	FERRITE	OUH
CN3401	1-764-087-21	PIN, CONNECTOR (PC BOARD) 14P		FB3413	1-400-834-11	FERRITE	OUH
CN3402	1-695-889-21	PIN, CONNECTOR (PC BOARD) 10P		FB3414	1-400-834-11	FERRITE	OUH
CN3403	*1-779-268-21	PIN, CONNECTOR (1.5MM) (SMD) 11P		FB3415	1-400-834-11	FERRITE	OUH
CN3404	*1-766-376-11	PIN, CONNECTOR (1.5MM) (SMD) 9P		FB3416	1-400-834-11	FERRITE	OUH
CN3500	1-770-501-11	JACK 10P		FB3417	1-400-834-11	FERRITE	OUH
CN3503	*1-764-080-21	PIN, CONNECTOR (PC BOARD) 8P		FB3418	1-400-834-11	FERRITE	OUH
< DIODE >				FB3419	1-400-834-11	FERRITE	OUH
D3400	8-719-070-20	DIODE RB706F-40		FB3420	1-400-834-11	FERRITE	OUH
D3401	8-719-070-20	DIODE RB706F-40		FB3501	1-469-458-91	FERRITE	OUH
D3402	8-719-058-24	DIODE RB501V-40TE-17		FB3502	1-469-458-91	FERRITE	OUH
D3500	6-501-233-01	DIODE BZA862AVL		FB3503	1-400-244-11	FERRITE	OUH
D3501	6-501-233-01	DIODE BZA862AVL		FB3504	1-400-244-11	FERRITE	OUH
D3502	6-501-233-01	DIODE BZA862AVL		FB3505	1-400-244-11	FERRITE	OUH
D3504	8-719-058-24	DIODE RB501V-40TE-17		FB3507	1-400-244-11	FERRITE	OUH
D3800	8-719-066-11	DIODE 1PS184-115		FB3509	1-414-772-11	FERRITE	OUH
< FERRITE BEAD >				FB3546	1-400-244-11	FERRITE	OUH
FB3100	1-469-869-21	FERRITE	OUH	FB3547	1-400-244-11	FERRITE	OUH
FB3101	1-469-869-21	FERRITE	OUH	FB3548	1-400-244-11	FERRITE	OUH
FB3102	1-469-869-21	FERRITE	OUH	FB3549	1-400-244-11	FERRITE	OUH
FB3103	1-400-833-21	FERRITE	OUH	FB3550	1-400-244-11	FERRITE	OUH
FB3104	1-469-869-21	FERRITE	OUH	FB3551	1-400-244-11	FERRITE	OUH
FB3105	1-400-833-21	FERRITE	OUH	FB3552	1-400-244-11	FERRITE	OUH
FB3106	1-400-833-21	FERRITE	OUH	FB3553	1-400-244-11	FERRITE	OUH
FB3107	1-400-833-21	FERRITE	OUH	FB3554	1-469-869-21	FERRITE	OUH
FB3108	1-400-833-21	FERRITE	OUH	FB3555	1-469-869-21	FERRITE	OUH
FB3109	1-400-833-21	FERRITE	OUH	FB3557	1-400-244-11	FERRITE	OUH
FB3110	1-400-833-21	FERRITE	OUH	FB3800	1-400-244-11	FERRITE	OUH
FB3111	1-400-833-21	FERRITE	OUH	FB3801	1-400-244-11	FERRITE	OUH
FB3112	1-400-833-21	FERRITE	OUH	FB3802	1-400-244-11	FERRITE	OUH
FB3200	1-400-244-11	FERRITE	OUH	FB3803	1-400-244-11	FERRITE	OUH
FB3201	1-400-244-11	FERRITE	OUH	FB3804	1-400-244-11	FERRITE	OUH
FB3300	1-469-869-21	FERRITE	OUH	FB3805	1-400-244-11	FERRITE	OUH
FB3301	1-469-869-21	FERRITE	OUH	FB3806	1-400-244-11	FERRITE	OUH
FB3400	1-400-244-11	FERRITE	OUH	< FILTER >			
FB3401	1-400-244-11	FERRITE	OUH	FL3500	1-239-899-21	FERRITE	OUH
FB3402	1-400-244-11	FERRITE	OUH	< IC >			
FB3403	1-469-458-91	FERRITE	OUH	IC3100	6-702-498-21	IC UPD61120AF1-100-JN1-A	
FB3404	1-469-869-21	FERRITE	OUH	IC3200	6-707-809-01	IC EDD1216AATA-6B-E	
FB3405	1-469-869-21	FERRITE	OUH	IC3201	6-705-271-01	IC KA5SDKAS01TSL	
FB3406	1-469-869-21	FERRITE	OUH	IC3206	6-704-621-01	IC TC58DVM72A1TG00	
FB3407	1-469-869-21	FERRITE	OUH	IC3301	8-759-644-48	IC 74LVC541APW	
				IC3302	8-759-644-48	IC 74LVC541APW	

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
IC3303	8-759-564-22	IC 74LVC00-PW		Q3410	6-550-232-01	TRANSISTOR 2SA2029T2LQ/R	
IC3304	8-759-644-48	IC 74LVC541APW		Q3411	6-550-232-01	TRANSISTOR 2SA2029T2LQ/R	
IC3305	8-759-644-48	IC 74LVC541APW		Q3412	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R	
IC3306	8-759-644-48	IC 74LVC541APW		Q3504	8-729-027-43	TRANSISTOR DTC114EKA-T146	
IC3307	8-759-298-90	IC 74LVT245PW		Q3800	8-729-027-43	TRANSISTOR DTC114EKA-T146	
IC3308	8-759-644-48	IC 74LVC541APW		Q3801	8-729-027-43	TRANSISTOR DTC114EKA-T146	
IC3309	8-759-644-48	IC 74LVC541APW		Q3804	8-729-027-43	TRANSISTOR DTC114EKA-T146	
IC3310	8-759-644-48	IC 74LVC541APW		Q3805	8-729-027-43	TRANSISTOR DTC114EKA-T146	
IC3311	8-759-298-90	IC 74LVT245PW		Q3806	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R	
IC3312	8-759-644-48	IC 74LVC541APW		Q3808	6-550-232-01	TRANSISTOR 2SA2029T2LQ/R	
IC3313	8-759-644-48	IC 74LVC541APW		< RESISTOR >			
IC3314	8-759-644-48	IC 74LVC541APW		R3100	1-218-937-11	RES-CHIP	47 5% 1/16W
IC3315	8-759-564-09	IC 74LVC32A-PW		R3101	1-218-941-81	RES-CHIP	100 5% 1/16W
IC3316	6-708-132-01	IC 74LVC14APW		R3102	1-218-937-11	RES-CHIP	47 5% 1/16W
IC3400	6-707-808-01	IC WM8727GED/RV		R3103	1-218-937-11	RES-CHIP	47 5% 1/16W
IC3401	8-759-701-40	IC NJM3404AM-T1		R3104	1-218-937-11	RES-CHIP	47 5% 1/16W
IC3402	6-705-403-01	IC PQ070XZ01ZPH		R3105	1-218-937-11	RES-CHIP	47 5% 1/16W
IC3403	6-705-403-01	IC PQ070XZ01ZPH		R3106	1-218-937-11	RES-CHIP	47 5% 1/16W
IC3404	6-705-789-01	IC LM3526MX-H/J5000396		R3107	1-218-937-11	RES-CHIP	47 5% 1/16W
IC3502	8-759-644-48	IC 74LVC541APW		R3108	1-218-937-11	RES-CHIP	47 5% 1/16W
IC3504	8-753-212-44	IC CXD1976R-T6		R3109	1-218-941-81	RES-CHIP	100 5% 1/16W
IC3800	6-703-175-01	IC PST3629UL		R3110	1-218-937-11	RES-CHIP	47 5% 1/16W
IC3801	8-759-670-18	IC 74LVC273PW		R3111	1-218-937-11	RES-CHIP	47 5% 1/16W
IC3802	8-759-670-18	IC 74LVC273PW		R3112	1-218-937-11	RES-CHIP	47 5% 1/16W
IC3803	6-706-487-01	IC TC7SH08FU(T5RSOYJF)		R3113	1-218-937-11	RES-CHIP	47 5% 1/16W
IC3804	8-759-564-09	IC 74LVC32A-PW		R3114	1-218-937-11	RES-CHIP	47 5% 1/16W
IC3805	8-759-564-91	IC 74LVC08APW		R3115	1-218-941-81	RES-CHIP	100 5% 1/16W
IC3806	6-706-487-01	IC TC7SH08FU(T5RSOYJF)		R3116	1-218-937-11	RES-CHIP	47 5% 1/16W
IC3807	6-704-067-01	IC M24128-BWMN6T(A)		R3117	1-218-937-11	RES-CHIP	47 5% 1/16W
< COIL >				R3118	1-218-937-11	RES-CHIP	47 5% 1/16W
L3100	1-400-859-41	INDUCTOR	0.82UH	R3119	1-218-965-11	RES-CHIP	10K 5% 1/16W
L3500	1-412-006-31	INDUCTOR	10UH	R3120	1-218-937-11	RES-CHIP	47 5% 1/16W
L3501	1-469-842-21	INDUCTOR	0.47UH	R3121	1-218-937-11	RES-CHIP	47 5% 1/16W
L3502	1-410-981-42	INDUCTOR	0.1UH	R3122	1-218-937-11	RES-CHIP	47 5% 1/16W
L3503	1-410-981-42	INDUCTOR	0.1UH	R3123	1-218-937-11	RES-CHIP	47 5% 1/16W
L3504	1-410-981-42	INDUCTOR	0.1UH	R3124	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
< TRANSISTOR >				R3125	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
Q3400	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R		R3126	1-218-937-11	RES-CHIP	47 5% 1/16W
Q3401	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R		R3127	1-218-937-11	RES-CHIP	47 5% 1/16W
Q3402	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R		R3129	1-218-941-81	RES-CHIP	100 5% 1/16W
Q3403	6-550-232-01	TRANSISTOR 2SA2029T2LQ/R		R3130	1-218-941-81	RES-CHIP	100 5% 1/16W
Q3404	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R		R3131	1-218-937-11	RES-CHIP	47 5% 1/16W
Q3405	6-550-232-01	TRANSISTOR 2SA2029T2LQ/R		R3132	1-218-937-11	RES-CHIP	47 5% 1/16W
Q3406	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R		R3133	1-218-937-11	RES-CHIP	47 5% 1/16W
Q3407	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R		R3135	1-218-937-11	RES-CHIP	47 5% 1/16W
Q3408	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R		R3136	1-218-937-11	RES-CHIP	47 5% 1/16W
Q3409	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R		R3137	1-218-937-11	RES-CHIP	47 5% 1/16W
				R3141	1-218-937-11	RES-CHIP	47 5% 1/16W
				R3145	1-218-937-11	RES-CHIP	47 5% 1/16W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R3147	1-218-937-11	RES-CHIP	47	5%	1/16W	R3407	1-208-675-11	METAL CHIP	470	0.5%	1/16W
R3148	1-218-937-11	RES-CHIP	47	5%	1/16W	R3408	1-208-885-11	METAL CHIP	820	0.5%	1/16W
R3149	1-218-937-11	RES-CHIP	47	5%	1/16W	R3415	1-208-675-11	METAL CHIP	470	0.5%	1/16W
R3156	1-218-937-11	RES-CHIP	47	5%	1/16W	R3421	1-218-990-81	SHORT CHIP	0		
R3157	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3422	1-218-937-11	RES-CHIP	47	5%	1/16W
R3160	1-218-937-11	RES-CHIP	47	5%	1/16W	R3423	1-218-937-11	RES-CHIP	47	5%	1/16W
R3200	1-218-941-11	RES-CHIP	100	5%	1/16W	R3424	1-218-945-11	RES-CHIP	220	5%	1/16W
R3201	1-218-941-11	RES-CHIP	100	5%	1/16W	R3427	1-218-949-11	RES-CHIP	470	5%	1/16W
R3202	1-218-939-11	RES-CHIP	68	5%	1/16W	R3428	1-218-949-11	RES-CHIP	470	5%	1/16W
R3203	1-218-941-81	RES-CHIP	100	5%	1/16W	R3429	1-218-949-11	RES-CHIP	470	5%	1/16W
R3204	1-218-941-81	RES-CHIP	100	5%	1/16W	R3430	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3205	1-218-937-11	RES-CHIP	47	5%	1/16W	R3433	1-218-937-11	RES-CHIP	47	5%	1/16W
R3206	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3434	1-218-937-11	RES-CHIP	47	5%	1/16W
R3211	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R3435	1-218-937-11	RES-CHIP	47	5%	1/16W
R3212	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R3436	1-218-937-11	RES-CHIP	47	5%	1/16W
R3213	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R3438	1-218-966-11	RES-CHIP	12K	5%	1/16W
R3214	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R3439	1-218-990-81	SHORT CHIP	0		
R3216	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3440	1-218-990-81	SHORT CHIP	0		
R3218	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3441	1-218-937-11	RES-CHIP	47	5%	1/16W
R3220	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R3442	1-218-949-11	RES-CHIP	470	5%	1/16W
R3222	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3444	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R3224	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3445	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R3227	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3446	1-218-972-11	RES-CHIP	39K	5%	1/16W
R3229	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3447	1-218-972-11	RES-CHIP	39K	5%	1/16W
R3230	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3448	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3232	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3449	1-218-967-11	RES-CHIP	15K	5%	1/16W
R3234	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3450	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3236	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3451	1-218-967-11	RES-CHIP	15K	5%	1/16W
R3238	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3452	1-218-967-11	RES-CHIP	15K	5%	1/16W
R3239	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3453	1-218-967-11	RES-CHIP	15K	5%	1/16W
R3240	1-218-939-11	RES-CHIP	68	5%	1/16W	R3454	1-218-948-11	RES-CHIP	390	5%	1/16W
R3242	1-218-941-81	RES-CHIP	100	5%	1/16W	R3455	1-218-937-11	RES-CHIP	47	5%	1/16W
R3251	1-218-949-11	RES-CHIP	470	5%	1/16W	R3456	1-218-967-11	RES-CHIP	15K	5%	1/16W
R3262	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3457	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R3303	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3458	1-218-941-11	RES-CHIP	100	5%	1/16W
R3306	1-218-941-81	RES-CHIP	100	5%	1/16W	R3459	1-218-941-11	RES-CHIP	100	5%	1/16W
R3308	1-218-941-81	RES-CHIP	100	5%	1/16W	R3460	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R3310	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3461	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3311	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3462	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3312	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3463	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3313	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3464	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3314	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3465	1-218-966-11	RES-CHIP	12K	5%	1/16W
R3317	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R3466	1-218-967-11	RES-CHIP	15K	5%	1/16W
R3318	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3467	1-218-966-11	RES-CHIP	12K	5%	1/16W
R3321	1-218-941-81	RES-CHIP	100	5%	1/16W	R3468	1-218-967-11	RES-CHIP	15K	5%	1/16W
R3324	1-218-941-81	RES-CHIP	100	5%	1/16W	R3469	1-218-949-11	RES-CHIP	470	5%	1/16W
R3325	1-218-937-11	RES-CHIP	47	5%	1/16W	R3470	1-208-675-11	METAL CHIP	470	0.5%	1/16W
R3400	1-218-966-11	RES-CHIP	12K	5%	1/16W	R3471	1-208-885-11	METAL CHIP	820	0.5%	1/16W
R3401	1-218-967-11	RES-CHIP	15K	5%	1/16W	R3472	1-218-949-11	RES-CHIP	470	5%	1/16W
R3406	1-218-949-11	RES-CHIP	470	5%	1/16W	R3473	1-208-675-11	METAL CHIP	470	0.5%	1/16W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R3474	1-208-885-11	METAL CHIP	820	0.5%	1/16W	R3566	1-218-989-11	RES-CHIP	1M	5%	1/16W
R3475	1-218-949-11	RES-CHIP	470	5%	1/16W	R3567	1-218-941-81	RES-CHIP	100	5%	1/16W
R3478	1-208-675-11	METAL CHIP	470	0.5%	1/16W	R3601	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3479	1-208-885-11	METAL CHIP	820	0.5%	1/16W	R3602	1-218-941-81	RES-CHIP	100	5%	1/16W
R3480	1-218-941-81	RES-CHIP	100	5%	1/16W	R3603	1-218-941-81	RES-CHIP	100	5%	1/16W
R3481	1-218-941-81	RES-CHIP	100	5%	1/16W	R3604	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3482	1-218-948-11	RES-CHIP	390	5%	1/16W	R3609	1-218-941-81	RES-CHIP	100	5%	1/16W
R3483	1-218-948-11	RES-CHIP	390	5%	1/16W	R3610	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3484	1-216-001-00	RES-CHIP	10	5%	1/10W	R3611	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3485	1-218-990-81	SHORT CHIP	0			R3613	1-218-941-81	RES-CHIP	100	5%	1/16W
R3486	1-218-948-11	RES-CHIP	390	5%	1/16W	R3616	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3487	1-218-945-11	RES-CHIP	220	5%	1/16W	R3617	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3488	1-218-945-11	RES-CHIP	220	5%	1/16W	R3620	1-218-941-81	RES-CHIP	100	5%	1/16W
R3489	1-218-945-11	RES-CHIP	220	5%	1/16W	R3621	1-218-941-81	RES-CHIP	100	5%	1/16W
R3490	1-218-967-11	RES-CHIP	15K	5%	1/16W	R3623	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3491	1-218-967-11	RES-CHIP	15K	5%	1/16W	R3629	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3492	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3631	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3493	1-218-941-81	RES-CHIP	100	5%	1/16W	R3633	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3500	1-216-295-91	SHORT CHIP	0			R3635	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3501	1-216-295-91	SHORT CHIP	0			R3637	1-218-948-11	RES-CHIP	390	5%	1/16W
R3502	1-216-295-91	SHORT CHIP	0			R3638	1-218-948-11	RES-CHIP	390	5%	1/16W
R3504	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3639	1-218-948-11	RES-CHIP	390	5%	1/16W
R3505	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3640	1-218-948-11	RES-CHIP	390	5%	1/16W
R3506	1-218-941-81	RES-CHIP	100	5%	1/16W	R3641	1-218-948-11	RES-CHIP	390	5%	1/16W
R3507	1-218-941-81	RES-CHIP	100	5%	1/16W	R3642	1-218-941-81	RES-CHIP	100	5%	1/16W
R3508	1-216-295-91	SHORT CHIP	0			R3645	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3509	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3646	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3510	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R3647	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3511	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R3800	1-218-969-11	RES-CHIP	22K	5%	1/16W
R3516	1-218-937-11	RES-CHIP	47	5%	1/16W	R3801	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3517	1-218-937-11	RES-CHIP	47	5%	1/16W	R3802	1-218-941-81	RES-CHIP	100	5%	1/16W
R3518	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3803	1-218-941-81	RES-CHIP	100	5%	1/16W
R3537	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R3804	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3542	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3806	1-218-941-81	RES-CHIP	100	5%	1/16W
R3543	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R3809	1-218-941-81	RES-CHIP	100	5%	1/16W
R3544	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3810	1-218-941-81	RES-CHIP	100	5%	1/16W
R3545	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R3814	1-218-941-81	RES-CHIP	100	5%	1/16W
R3546	1-218-941-81	RES-CHIP	100	5%	1/16W	R3815	1-218-941-81	RES-CHIP	100	5%	1/16W
R3547	1-218-941-81	RES-CHIP	100	5%	1/16W	R3816	1-218-941-81	RES-CHIP	100	5%	1/16W
R3548	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3817	1-218-941-81	RES-CHIP	100	5%	1/16W
R3550	1-208-927-11	METAL CHIP	47K	0.5%	1/16W	R3818	1-218-941-81	RES-CHIP	100	5%	1/16W
R3554	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3819	1-218-941-81	RES-CHIP	100	5%	1/16W
R3558	1-208-687-11	METAL CHIP	1.5K	0.5%	1/16W	R3820	1-218-941-81	RES-CHIP	100	5%	1/16W
R3559	1-208-927-11	METAL CHIP	47K	0.5%	1/16W	R3821	1-218-941-81	RES-CHIP	100	5%	1/16W
R3560	1-218-937-11	RES-CHIP	47	5%	1/16W	R3822	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3561	1-218-941-81	RES-CHIP	100	5%	1/16W	R3824	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3562	1-218-941-81	RES-CHIP	100	5%	1/16W	R3825	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3563	1-218-941-81	RES-CHIP	100	5%	1/16W	R3826	1-218-941-81	RES-CHIP	100	5%	1/16W
R3564	1-218-941-81	RES-CHIP	100	5%	1/16W	R3827	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3565	1-218-941-81	RES-CHIP	100	5%	1/16W	R3828	1-218-941-81	RES-CHIP	100	5%	1/16W

REF.NO.	PART.NO	DESCRIPTION	REMARK
R3830	1-218-941-81	RES-CHIP 100 5%	1/16W
R3831	1-218-941-81	RES-CHIP 100 5%	1/16W
R3832	1-218-990-81	SHORT CHIP 0	
R3835	1-218-941-81	RES-CHIP 100 5%	1/16W
R3836	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3837	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3838	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3839	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3840	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3841	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3842	1-218-941-81	RES-CHIP 100 5%	1/16W
R3843	1-218-941-81	RES-CHIP 100 5%	1/16W
R3844	1-218-941-81	RES-CHIP 100 5%	1/16W
R3846	1-218-949-11	RES-CHIP 470 5%	1/16W
R3848	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3849	1-218-941-81	RES-CHIP 100 5%	1/16W
R3850	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3852	1-218-941-81	RES-CHIP 100 5%	1/16W
R3853	1-218-941-81	RES-CHIP 100 5%	1/16W
R3854	1-218-941-81	RES-CHIP 100 5%	1/16W
R3855	1-218-941-81	RES-CHIP 100 5%	1/16W
R3856	1-218-941-81	RES-CHIP 100 5%	1/16W
R3857	1-218-941-81	RES-CHIP 100 5%	1/16W
R3858	1-218-941-81	RES-CHIP 100 5%	1/16W
R3859	1-218-941-81	RES-CHIP 100 5%	1/16W
R3861	1-218-941-81	RES-CHIP 100 5%	1/16W
R3862	1-218-961-11	RES-CHIP 4.7K 5%	1/16W
R3892	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3895	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3896	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3899	1-218-965-11	RES-CHIP 10K 5%	1/16W
< RESISTOR CHIP >			
RB3100	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3101	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3102	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3103	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3104	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3105	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3106	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3107	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3108	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3109	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3110	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3200	1-234-372-21	RES, NETWORK 100	(1005X4)
RB3201	1-234-372-21	RES, NETWORK 100	(1005X4)
RB3202	1-234-372-21	RES, NETWORK 100	(1005X4)
RB3203	1-234-702-11	RES, NETWORK 68	(1005X4)
RB3204	1-234-702-11	RES, NETWORK 68	(1005X4)

REF.NO.	PART.NO	DESCRIPTION	REMARK
RB3206	1-234-372-21	RES, NETWORK 100	(1005X4)
RB3207	1-234-372-21	RES, NETWORK 100	(1005X4)
RB3208	1-234-702-11	RES, NETWORK 68	(1005X4)
RB3209	1-234-702-11	RES, NETWORK 68	(1005X4)
RB3500	1-234-371-21	RES, NETWORK 47	(1005X4)
RB3501	1-234-371-21	RES, NETWORK 47	(1005X4)
< CRYSTAL >			
X3200	1-813-055-11	QUARTZ CRYSTAL UNIT	
X3500	1-813-547-11	QUARTZ CRYSTAL UNIT	

#### N Board Variant Parts KDL-S40A11E

R3139	NOT FITTED		
R3151	1-218-990-81	SHORT CHIP	0

#### N Board Variant Parts KDL-S40A12U

R3139	1-218-990-81	SHORT CHIP	0
R3151	NOT FITTED		

#### \*A-1149-548-E BE Board, Complete

	2-586-173-01	SHEET A, RADIATION	
A5001	4-098-157-11	HEAT SINK (DTT)	
< CAPACITOR >			
C1000	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1001	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1002	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1003	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1004	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C1005	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C1006	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C1007	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C1008	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C1009	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C1010	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C1011	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C1012	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C1014	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C1015	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C1016	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C1017	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C1018	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C1019	1-162-921-11	CERAMIC CHIP 33PF	5.00% 50V
C1020	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C1021	1-162-921-11	CERAMIC CHIP 33PF	5.00% 50V
C1022	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C1023	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C1024	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C1026	1-126-205-11	ELECT CHIP 47UF	20.00% 6.3V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C1027	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C5037	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1028	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	C5038	1-162-916-11	CERAMIC CHIP 12PF	5.00% 50V
C1029	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	C5039	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C1032	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5040	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C1036	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V	C5041	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1037	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	C5042	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C1038	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C5043	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1047	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C5044	1-162-917-11	CERAMIC CHIP 15PF	5.00% 50V
C1048	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C5045	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C1049	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C5046	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1050	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C5047	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1051	1-126-390-11	ELECT CHIP 22UF	20.00% 6.3V	C5048	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1054	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C5049	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1055	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C5050	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C1060	1-164-842-11	CERAMIC CHIP 2PF	0.25PF 50V	C5051	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1062	1-164-842-11	CERAMIC CHIP 2PF	0.25PF 50V	C5052	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1063	1-126-205-11	ELECT CHIP 47UF	20.00% 6.3V	C5053	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C1064	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5054	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C1065	1-115-456-21	DOUBLE LAYER 0.22F	5.5V	C5055	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5000	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5056	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C5001	1-112-541-21	ELECT CHIP 10UF	20% 10V	C5057	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5003	1-112-541-21	ELECT CHIP 10UF	20% 10V	C5058	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5004	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C5059	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5005	1-112-541-21	ELECT CHIP 10UF	20% 10V	C5060	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5006	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5061	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5007	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5062	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5009	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5063	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5010	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5064	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5012	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5065	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5013	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5066	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5014	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5067	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5015	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5068	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5017	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5069	1-112-541-21	ELECT CHIP 10UF	20% 10V
C5018	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5070	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5019	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5071	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5020	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5072	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5021	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5073	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5022	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5074	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5024	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5075	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5026	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5076	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5027	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5077	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5028	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5078	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5029	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C5079	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C5030	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C5080	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C5031	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5081	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5032	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5082	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5033	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5083	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5034	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5084	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5035	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5085	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5036	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5086	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C5087	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5703	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C5088	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5704	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C5089	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5705	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5090	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5706	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5091	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5707	1-135-372-31	ELECT 470UF	20% 10V
C5092	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5709	1-135-372-31	ELECT 470UF	20% 10V
C5093	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5720	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5094	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5721	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5095	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5722	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5096	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5723	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5097	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5724	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5100	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5725	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5101	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5726	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5102	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5727	1-165-870-21	ELECT CHIP 100UF	20% 6.3V
C5103	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5728	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5104	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5729	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5105	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5730	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5106	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5731	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5107	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5740	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5108	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5741	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C5109	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5742	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5110	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5743	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C5111	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C7400	1-100-567-81	CERAMIC CHIP 10000PF	10% 25V
C5112	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C7401	1-100-567-81	CERAMIC CHIP 10000PF	10% 25V
C5113	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C7402	1-115-566-11	CERAMIC CHIP 4.7UF	10.00% 10V
C5114	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C7403	1-115-566-11	CERAMIC CHIP 4.7UF	10.00% 10V
C5115	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C7404	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C5116	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C7405	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C5117	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C7406	1-115-566-11	CERAMIC CHIP 4.7UF	10.00% 10V
C5404	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C7407	1-115-566-11	CERAMIC CHIP 4.7UF	10.00% 10V
C5500	1-126-405-11	ELECT CHIP 10UF	20.00% 50V	C7408	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5501	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C7409	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C5502	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C7411	1-126-205-11	ELECT CHIP 47UF	20.00% 6.3V
C5503	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C7412	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C5504	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C7413	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5505	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C7416	1-137-987-81	CERAMIC CHIP 0.068UF	10% 10V
C5506	1-126-398-11	ELECT CHIP 4.7UF	20.00% 35V	C7417	1-164-882-11	CERAMIC CHIP 220PF	5.00% 16V
C5507	1-162-974-11	CERAMIC CHIP 0.01UF	50V	C7418	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5508	1-162-974-11	CERAMIC CHIP 0.01UF	50V	C7422	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5509	1-126-405-11	ELECT CHIP 10UF	20.00% 50V	C7423	1-115-566-11	CERAMIC CHIP 4.7UF	10.00% 10V
C5510	1-162-974-11	CERAMIC CHIP 0.01UF	50V	C7425	1-126-401-21	ELECT CHIP 1UF	20.00% 50V
C5511	1-162-974-11	CERAMIC CHIP 0.01UF	50V	C7426	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5512	1-162-974-11	CERAMIC CHIP 0.01UF	50V	C7427	1-164-882-11	CERAMIC CHIP 220PF	5.00% 16V
C5513	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C7428	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C5514	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V	C7434	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V
C5515	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V	C7437	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5516	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C7438	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5700	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C7439	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5701	1-128-536-11	ELECT CHIP 100UF	20.00% 25V	C7441	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5702	1-128-536-11	ELECT CHIP 100UF	20.00% 25V	C8535	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V

**Note :** The components identified by shading and marked  $\Delta$  are critical for safety. Replace only with the part numbers specified in the parts list.

**BE**

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C9001	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	< FILTER >			
C9002	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	FL5000	1-234-177-21	FERRITE	0UH
C9003	1-163-037-11	CERAMIC CHIP 0.022UF	10.00% 50V	FL5001	1-234-177-21	FERRITE	0UH
C9004	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	FL5002	1-234-177-21	FERRITE	0UH
< CONNECTOR >				FL5003	1-234-177-21	FERRITE	0UH
CN1001	*1-819-390-21	FFC/FPC CONNECTOR (ZIF) 49P		FL5004	1-234-177-21	FERRITE	0UH
CN1003	1-794-032-21	PIN, CONNECTOR (PC BOARD) 11P		FL5005	1-234-177-21	FERRITE	0UH
CN1004	1-779-936-21	CONNECTOR, FFC/FPC 18P		FL5006	1-234-177-21	FERRITE	0UH
CN1005	*1-564-508-11	PLUG, CONNECTOR 5P		FL5007	1-234-177-21	FERRITE	0UH
CN1007	1-779-884-11	CONNECTOR 4P		FL5500	1-234-177-21	FERRITE	0UH
CN5000	*1-818-656-21	HEADER ASSEMBLY 30P		FL5501	1-234-177-21	FERRITE	0UH
CN5400	1-794-930-21	CONNECTOR, D SUB		< IC >			
CN5402	1-573-806-21	PIN, CONNECTOR (1.5MM) (SMD)6P		IC1000	6-704-117-01	IC S-1111B33MC-NYSTFG	
CN5404	1-695-209-21	PIN, CONNECTOR (PC BOARD) 15P		IC1001	6-706-640-01	IC BH25FB1WG-TR	
CN5405	1-784-254-11	CONNECTOR 10P		IC1002	1-540-151-21	SOCKET, IC	
< DIODE >				IC1003	6-706-232-01	IC SDA5550M-QB-T	
D1000	8-719-066-10	DIODE 1PS181-115		IC1004	8-759-476-80	IC LM75CTMX-3	
D1010	8-719-036-94	DIODE RD5.6SB-T1		IC1005	6-704-573-01	IC M24C32-WMN6T(B)	
D1011	8-719-036-94	DIODE RD5.6SB-T1		IC1006	6-702-313-01	IC PST600IMT	
D1050	8-719-041-97	DIODE MA113-(TX)		IC1007	6-700-108-01	IC RV5C387A-E2-FB	
D5400	8-719-073-39	DIODE HZU5.6GTRF		IC1010	6-706-419-01	IC LM393DT (A)	
D5401	8-719-073-39	DIODE HZU5.6GTRF		IC5000	6-708-533-01	IC SVPEX-SREVB	
D5402	8-719-073-39	DIODE HZU5.6GTRF		IC5400	6-704-600-01	IC M24C02-WMN6T(B)	
D5405	8-719-801-78	DIODE 1SS184		IC5500	6-708-183-01	IC K4D263238G-VC36T	
D5701	8-719-073-34	DIODE EC21QS03L-TE12L		IC5700	6-704-407-01	IC PQ1CZ41H2ZPH	
D5703	8-719-073-34	DIODE EC21QS03L-TE12L		IC5701	6-704-407-01	IC PQ1CZ41H2ZPH	
D5704	6-500-020-01	DIODE MM3Z4V3ST1		IC5720	8-759-832-05	IC BA18BC0FP-E2	
D5705	6-500-020-01	DIODE MM3Z4V3ST1		IC5721	8-759-832-05	IC BA18BC0FP-E2	
D7400	8-719-421-67	DIODE MA132WK		IC5722	6-700-394-01	IC BA25BC0FP-E2	
D7401	8-719-421-67	DIODE MA132WK		IC5740	8-759-533-85	IC L88M05T-FA-TL	
D7402	8-719-066-10	DIODE 1PS181-115		IC7400	8-759-679-54	IC SN74LVC14APWR	
D7403	8-719-081-97	DIODE MMDL914T1		IC7401	8-759-646-02	IC M52347FP-TE	
D7405	8-719-081-97	DIODE MMDL914T1		IC7402	8-752-072-94	IC CXA1875AM-T4	
D7406	8-719-081-97	DIODE MMDL914T1		IC7403	6-705-950-01	IC K6F2008V2E-LF70000	
D7407	8-719-421-59	DIODE MA3130WA-TX		IC7404	8-759-701-01	IC NJM2904M	
D7408	8-719-421-59	DIODE MA3130WA-TX		< COIL >			
< FUSE >				L1000	1-412-058-11	INDUCTOR	10UH
F5701	$\Delta$ 1-576-646-11	FUSE	0.5A 50V	L1001	1-414-394-11	INDUCTOR	2.2UH
< FERRITE BEAD >				L5000	1-414-394-11	INDUCTOR	2.2UH
FB1000	1-414-760-21	FERRITE	0UH	L5001	1-414-394-11	INDUCTOR	2.2UH
FB5400	1-469-100-21	FERRITE	0UH	L5002	1-414-394-11	INDUCTOR	2.2UH
FB5401	1-469-100-21	FERRITE	0UH	L5003	1-414-394-11	INDUCTOR	2.2UH
FB5402	1-469-100-21	FERRITE	0UH	L5004	1-400-179-21	INDUCTOR	0UH
FB5403	1-400-141-22	FERRITE	0UH	L5005	1-400-179-21	INDUCTOR	0UH
FB5500	1-400-179-21	INDUCTOR	0UH	L5006	1-216-801-11	METAL CHIP	22 5% 1/10W
FB5501	1-400-179-21	INDUCTOR	0UH	L5007	1-216-801-11	METAL CHIP	22 5% 1/10W
FB7400	1-414-445-11	FERRITE	0UH	L5008	1-456-984-11	INDUCTOR	0UH
				L5009	1-456-984-11	INDUCTOR	0UH



**Note :** The components identified by shading and marked  $\Delta$  are critical for safety. Replace only with the part numbers specified in the parts list.

**BE**

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
L5010	1-400-179-21	INDUCTOR	00H	R1021	1-218-973-11	RES-CHIP 47K 5%	1/16W
L5011	1-400-180-21	INDUCTOR	00H	R1027	1-218-990-81	SHORT CHIP	0
L5012	1-456-984-11	INDUCTOR	00H	R1028	1-216-809-11	METAL CHIP	100 5% 1/10W
L5013	1-456-984-11	INDUCTOR	00H	R1030	1-216-809-11	METAL CHIP	100 5% 1/10W
L5014	1-456-984-11	INDUCTOR	00H	R1031	1-218-847-11	METAL CHIP	1K 0.5% 1/10W
L5015	1-400-179-21	INDUCTOR	00H	R1033	1-218-847-11	METAL CHIP	1K 0.5% 1/10W
L5700	1-409-529-41	INDUCTOR	100H	R1034	1-218-990-81	SHORT CHIP	0
L5701	1-456-786-21	INDUCTOR	470H	R1035	1-218-853-11	METAL CHIP	1.8K 0.5% 1/10W
L5702	1-456-786-21	INDUCTOR	470H	R1036	1-216-809-11	METAL CHIP	100 5% 1/10W
L5729	1-400-784-21	INDUCTOR	4.70H	R1037	1-216-809-11	METAL CHIP	100 5% 1/10W
< PROTECTOR MODULE >				R1038	1-216-809-11	METAL CHIP	100 5% 1/10W
PS5700 $\Delta$	1-533-652-41	IC LINK	2A 24V	R1039	1-218-929-11	RES-CHIP	10 5% 1/16W
< TRANSISTOR >				R1040	1-216-809-11	METAL CHIP	100 5% 1/10W
Q1001	8-729-010-05	TRANSISTOR MSB709-RT1		R1041	1-216-809-11	METAL CHIP	100 5% 1/10W
Q1011	8-729-045-62	TRANSISTOR 2SK2158-T2B		R1042	1-218-990-81	SHORT CHIP	0
Q1012	8-729-045-62	TRANSISTOR 2SK2158-T2B		R1043	1-218-990-81	SHORT CHIP	0
Q5700	8-729-046-04	TRANSISTOR FDS6690A		R1044	1-218-990-81	SHORT CHIP	0
Q7401	8-729-927-99	TRANSISTOR 2SC4617R		R1045	1-218-953-11	RES-CHIP	1K 5% 1/16W
Q7402	8-729-927-99	TRANSISTOR 2SC4617R		R1046	1-218-990-81	SHORT CHIP	0
Q7410	8-729-928-19	TRANSISTOR 2SA1774R		R1047	1-218-990-81	SHORT CHIP	0
Q7412	8-729-028-28	TRANSISTOR 2SK2036(TE85L)		R1053	1-218-937-11	RES-CHIP	47 5% 1/16W
Q7415	8-729-421-22	TRANSISTOR UN2211		R1054	1-218-937-11	RES-CHIP	47 5% 1/16W
Q7416	8-729-010-05	TRANSISTOR MSB709-RT1		R1056	1-216-833-11	METAL CHIP	10K 5% 1/10W
Q7417	8-729-010-05	TRANSISTOR MSB709-RT1		R1059	1-216-809-11	METAL CHIP	100 5% 1/10W
Q7418	8-729-010-05	TRANSISTOR MSB709-RT1		R1060	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q7419	8-729-927-99	TRANSISTOR 2SC4617R		R1062	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q7420	8-729-028-28	TRANSISTOR 2SK2036(TE85L)		R1063	1-216-809-11	METAL CHIP	100 5% 1/10W
Q7421	8-729-028-73	TRANSISTOR DTA114EUA-T106		R1064	1-216-809-11	METAL CHIP	100 5% 1/10W
Q7422	8-729-028-28	TRANSISTOR 2SK2036(TE85L)		R1065	1-216-809-11	METAL CHIP	100 5% 1/10W
< RESISTOR >				R1066	1-218-990-81	SHORT CHIP	0
R1001	1-216-809-11	METAL CHIP	100 5% 1/10W	R1068	1-218-965-11	RES-CHIP	10K 5% 1/16W
R1002	1-218-990-81	SHORT CHIP	0	R1069	1-218-965-11	RES-CHIP	10K 5% 1/16W
R1003	1-218-990-81	SHORT CHIP	0	R1073	1-218-965-11	RES-CHIP	10K 5% 1/16W
R1004	1-216-864-11	SHORT CHIP	0	R1075	1-216-813-11	METAL CHIP	220 5% 1/10W
R1005	1-216-864-11	SHORT CHIP	0	R1076	1-218-965-11	RES-CHIP	10K 5% 1/16W
R1009	1-218-990-81	SHORT CHIP	0	R1082	1-218-990-81	SHORT CHIP	0
R1010	1-218-990-81	SHORT CHIP	0	R1083	1-218-965-11	RES-CHIP	10K 5% 1/16W
R1011	1-218-990-81	SHORT CHIP	0	R1102	1-218-990-81	SHORT CHIP	0
R1012	1-218-990-81	SHORT CHIP	0	R1103	1-218-990-81	SHORT CHIP	0
R1013	1-218-990-81	SHORT CHIP	0	R1104	1-218-990-81	SHORT CHIP	0
R1014	1-218-990-81	SHORT CHIP	0	R1105	1-218-990-81	SHORT CHIP	0
R1015	1-218-990-81	SHORT CHIP	0	R1106	1-218-990-81	SHORT CHIP	0
R1016	1-218-990-81	SHORT CHIP	0	R1107	1-218-990-81	SHORT CHIP	0
R1017	1-218-990-81	SHORT CHIP	0	R1108	1-218-990-81	SHORT CHIP	0
R1019	1-218-973-11	RES-CHIP	47K 5% 1/16W	R1109	1-218-990-81	SHORT CHIP	0
R1020	1-218-973-11	RES-CHIP	47K 5% 1/16W	R1110	1-218-990-81	SHORT CHIP	0
				R1111	1-218-990-81	SHORT CHIP	0
				R1112	1-218-990-81	SHORT CHIP	0
				R1115	1-216-864-11	SHORT CHIP	0
				R1120	1-216-864-11	SHORT CHIP	0

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R1126	1-218-941-81	RES-CHIP	100	5%	1/16W	R5410	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1200	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R5411	1-216-805-11	METAL CHIP	47	5%	1/10W
R1201	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R5412	1-216-805-11	METAL CHIP	47	5%	1/10W
R1202	1-218-990-81	SHORT CHIP	0			R5413	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R1203	1-216-864-11	SHORT CHIP	0			R5414	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R1204	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5417	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R1205	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5418	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R1206	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5419	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1207	1-218-990-81	SHORT CHIP	0			R5420	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R1208	1-216-864-11	SHORT CHIP	0			R5421	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R1209	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5422	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1215	1-216-864-11	SHORT CHIP	0			R5424	1-216-864-11	SHORT CHIP	0		
R1218	1-216-864-11	SHORT CHIP	0			R5425	1-216-864-11	SHORT CHIP	0		
R1220	1-216-864-11	SHORT CHIP	0			R5426	1-216-864-11	SHORT CHIP	0		
R1223	1-216-864-11	SHORT CHIP	0			R5427	1-216-864-11	SHORT CHIP	0		
R1224	1-216-864-11	SHORT CHIP	0			R5428	1-216-864-11	SHORT CHIP	0		
R1231	1-216-864-11	SHORT CHIP	0			R5500	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R1232	1-216-864-11	SHORT CHIP	0			R5501	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R1250	1-218-990-81	SHORT CHIP	0			R5502	1-211-986-11	METAL CHIP	51	0.5%	1/10W
R5000	1-216-864-11	SHORT CHIP	0			R5503	1-211-986-11	METAL CHIP	51	0.5%	1/10W
R5001	1-216-864-11	SHORT CHIP	0			R5504	1-218-933-11	RES-CHIP	22	5%	1/16W
R5002	1-216-864-11	SHORT CHIP	0			R5505	1-218-933-11	RES-CHIP	22	5%	1/16W
R5003	1-216-821-11	METAL CHIP	1K	5%	1/10W	R5506	1-218-933-11	RES-CHIP	22	5%	1/16W
R5005	1-216-864-11	SHORT CHIP	0			R5507	1-218-933-11	RES-CHIP	22	5%	1/16W
R5007	1-216-864-11	SHORT CHIP	0			R5508	1-218-933-11	RES-CHIP	22	5%	1/16W
R5008	1-216-864-11	SHORT CHIP	0			R5509	1-218-933-11	RES-CHIP	22	5%	1/16W
R5009	1-216-864-11	SHORT CHIP	0			R5510	1-218-990-81	SHORT CHIP	0		
R5010	1-216-821-11	METAL CHIP	1K	5%	1/10W	R5511	1-218-990-81	SHORT CHIP	0		
R5012	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R5512	1-218-933-11	RES-CHIP	22	5%	1/16W
R5013	1-216-864-11	SHORT CHIP	0			R5513	1-218-933-11	RES-CHIP	22	5%	1/16W
R5015	1-216-864-11	SHORT CHIP	0			R5514	1-218-933-11	RES-CHIP	22	5%	1/16W
R5016	1-216-864-11	SHORT CHIP	0			R5515	1-218-933-11	RES-CHIP	22	5%	1/16W
R5017	1-216-821-11	METAL CHIP	1K	5%	1/10W	R5516	1-218-933-11	RES-CHIP	22	5%	1/16W
R5018	1-218-990-81	SHORT CHIP	0			R5700	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5022	1-216-864-11	SHORT CHIP	0			R5703	1-216-295-91	SHORT CHIP	0		
R5023	1-216-864-11	SHORT CHIP	0			R5704	1-216-841-11	METAL CHIP	47K	5%	1/10W
R5032	1-218-933-11	RES-CHIP	22	5%	1/16W	R5705	1-216-295-91	SHORT CHIP	0		
R5033	1-218-933-11	RES-CHIP	22	5%	1/16W	R5706	1-216-295-91	SHORT CHIP	0		
R5034	1-218-990-81	SHORT CHIP	0			R5707	1-216-841-11	METAL CHIP	47K	5%	1/10W
R5035	1-216-295-91	SHORT CHIP	0			R5708	1-216-295-91	SHORT CHIP	0		
R5036	1-216-295-91	SHORT CHIP	0			R5709	1-216-295-91	SHORT CHIP	0		
R5037	1-216-864-11	SHORT CHIP	0			R5710	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R5038	1-216-864-11	SHORT CHIP	0			R5711	1-218-853-11	METAL CHIP	1.8K	0.5%	1/10W
R5039	1-216-864-11	SHORT CHIP	0			R5712	1-216-295-91	SHORT CHIP	0		
R5040	1-216-864-11	SHORT CHIP	0			R5714	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R5041	1-216-864-11	SHORT CHIP	0			R5715	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R5043	1-216-841-11	METAL CHIP	47K	5%	1/10W	R5716	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R5400	1-216-805-11	METAL CHIP	47	5%	1/10W	R5717	1-216-295-91	SHORT CHIP	0		
R5404	1-216-805-11	METAL CHIP	47	5%	1/10W	R5718	1-216-295-91	SHORT CHIP	0		
R5409	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5719	1-216-295-91	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R5720	1-216-295-91	SHORT CHIP	0			R7475	1-216-864-11	SHORT CHIP	0		
R5721	1-216-295-91	SHORT CHIP	0			R7476	1-216-864-11	SHORT CHIP	0		
R5722	1-216-295-91	SHORT CHIP	0			R7482	1-218-990-81	SHORT CHIP	0		
R5723	1-216-295-91	SHORT CHIP	0			R7484	1-218-990-81	SHORT CHIP	0		
R5724	1-216-295-91	SHORT CHIP	0			R7485	1-218-990-81	SHORT CHIP	0		
R5725	1-216-295-91	SHORT CHIP	0			R7486	1-218-990-81	SHORT CHIP	0		
R5726	1-216-295-91	SHORT CHIP	0			R7487	1-218-990-81	SHORT CHIP	0		
R5727	1-216-295-91	SHORT CHIP	0			R7488	1-218-990-81	SHORT CHIP	0		
R5728	1-216-295-91	SHORT CHIP	0			R7489	1-218-990-81	SHORT CHIP	0		
R5729	1-216-821-11	METAL CHIP	1K	5%	1/10W	R7490	1-218-990-81	SHORT CHIP	0		
R5730	1-216-295-91	SHORT CHIP	0			R7491	1-218-990-81	SHORT CHIP	0		
R5731	1-216-295-91	SHORT CHIP	0			R7492	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5732	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W	R7493	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5733	1-216-821-11	METAL CHIP	1K	5%	1/10W	R7494	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5740	1-216-295-91	SHORT CHIP	0			R7495	1-216-841-11	METAL CHIP	47K	5%	1/10W
R5742	1-216-295-91	SHORT CHIP	0			R7496	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7400	1-208-713-11	METAL CHIP	18K	0.5%	1/16W	R7497	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7401	1-208-715-11	METAL CHIP	22K	0.5%	1/16W	R7499	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7402	1-218-949-11	RES-CHIP	470	5%	1/16W	R7504	1-216-809-11	METAL CHIP	100	5%	1/10W
R7403	1-208-715-11	METAL CHIP	22K	0.5%	1/16W	R7505	1-216-809-11	METAL CHIP	100	5%	1/10W
R7404	1-208-713-11	METAL CHIP	18K	0.5%	1/16W	R7506	1-216-809-11	METAL CHIP	100	5%	1/10W
R7407	1-218-949-11	RES-CHIP	470	5%	1/16W	R7507	1-216-809-11	METAL CHIP	100	5%	1/10W
R7410	1-218-933-11	RES-CHIP	22	5%	1/16W	R7509	1-216-809-11	METAL CHIP	100	5%	1/10W
R7411	1-218-933-11	RES-CHIP	22	5%	1/16W	R7510	1-216-809-11	METAL CHIP	100	5%	1/10W
R7413	1-218-949-11	RES-CHIP	470	5%	1/16W	R7511	1-216-809-11	METAL CHIP	100	5%	1/10W
R7417	1-218-973-11	RES-CHIP	47K	5%	1/16W	R7512	1-216-809-11	METAL CHIP	100	5%	1/10W
R7418	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7514	1-218-990-81	SHORT CHIP	0		
R7420	1-218-955-11	RES-CHIP	1.5K	5%	1/16W	R7515	1-218-990-81	SHORT CHIP	0		
R7424	1-218-937-11	RES-CHIP	47	5%	1/16W	R7516	1-218-990-81	SHORT CHIP	0		
R7432	1-218-990-81	SHORT CHIP	0			R7517	1-218-990-81	SHORT CHIP	0		
R7433	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7518	1-218-990-81	SHORT CHIP	0		
R7435	1-208-931-11	METAL CHIP	68K	0.5%	1/16W	R7519	1-218-990-81	SHORT CHIP	0		
R7436	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7520	1-216-864-11	SHORT CHIP	0		
R7439	1-218-990-81	SHORT CHIP	0			R7521	1-218-990-81	SHORT CHIP	0		
R7440	1-218-990-81	SHORT CHIP	0			R7522	1-218-990-81	SHORT CHIP	0		
R7443	1-218-990-81	SHORT CHIP	0			R7523	1-218-990-81	SHORT CHIP	0		
R7444	1-218-990-81	SHORT CHIP	0			R7524	1-218-990-81	SHORT CHIP	0		
R7445	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W	R7525	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7446	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7526	1-216-817-11	METAL CHIP	470	5%	1/10W
R7447	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7527	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7448	1-218-990-81	SHORT CHIP	0			R7528	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R7449	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7529	1-218-990-81	SHORT CHIP	0		
R7450	1-208-927-11	METAL CHIP	47K	0.5%	1/16W	R7531	1-218-990-81	SHORT CHIP	0		
R7455	1-218-990-81	SHORT CHIP	0			R7532	1-218-990-81	SHORT CHIP	0		
R7456	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W	R7533	1-218-990-81	SHORT CHIP	0		
R7459	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W	R7534	1-218-990-81	SHORT CHIP	0		
R7460	1-218-849-11	METAL CHIP	1.2K	0.5%	1/10W	R7535	1-218-990-81	SHORT CHIP	0		
R7461	1-208-683-11	METAL CHIP	1K	0.5%	1/16W	R7537	1-218-990-81	SHORT CHIP	0		
R7469	1-218-849-11	METAL CHIP	1.2K	0.5%	1/10W	R7538	1-218-990-81	SHORT CHIP	0		
R7474	1-216-864-11	SHORT CHIP	0			R7541	1-218-990-81	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
R7542	1-218-990-81	SHORT CHIP	0	RB1010	1-234-372-21	RES, NETWORK 100	(1005X4)
R7549	1-208-699-11	METAL CHIP	4.7K 0.5% 1/16W	RB1011	1-234-372-21	RES, NETWORK 100	(1005X4)
R7550	1-218-990-81	SHORT CHIP	0	RB1012	1-234-371-21	RES, NETWORK 47	(1005X4)
R7552	1-216-841-11	METAL CHIP	47K 5% 1/10W	RB1013	1-234-371-21	RES, NETWORK 47	(1005X4)
R7556	1-216-809-11	METAL CHIP	100 5% 1/10W	RB1014	1-234-372-21	RES, NETWORK 100	(1005X4)
R7561	1-216-841-11	METAL CHIP	47K 5% 1/10W	RB1015	1-234-372-21	RES, NETWORK 100	(1005X4)
R7564	1-216-809-11	METAL CHIP	100 5% 1/10W	RB1016	1-234-372-21	RES, NETWORK 100	(1005X4)
R7565	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	RB1017	1-234-372-21	RES, NETWORK 100	(1005X4)
R7566	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	RB4703	1-234-375-21	RES, NETWORK 1K	(1005X4)
R7568	1-218-990-81	SHORT CHIP	0	RB4704	1-234-370-21	RES, NETWORK 22	(1005X4)
R7569	1-218-990-81	SHORT CHIP	0	RB4705	1-234-370-21	RES, NETWORK 22	(1005X4)
R7570	1-218-990-81	SHORT CHIP	0	RB4706	1-234-375-21	RES, NETWORK 1K	(1005X4)
R7571	1-208-683-11	METAL CHIP	1K 0.5% 1/16W	RB5500	1-234-370-21	RES, NETWORK 22	(1005X4)
R7577	1-216-809-11	METAL CHIP	100 5% 1/10W	RB5501	1-234-370-21	RES, NETWORK 22	(1005X4)
R7578	1-218-965-11	RES-CHIP	10K 5% 1/16W	RB5502	1-234-370-21	RES, NETWORK 22	(1005X4)
R7587	1-218-845-11	METAL CHIP	820 0.5% 1/10W	RB5503	1-234-370-21	RES, NETWORK 22	(1005X4)
R7588	1-218-965-11	RES-CHIP	10K 5% 1/16W	RB5504	1-234-370-21	RES, NETWORK 22	(1005X4)
R7589	1-218-990-81	SHORT CHIP	0	RB5505	1-234-370-21	RES, NETWORK 22	(1005X4)
R7590	1-218-965-11	RES-CHIP	10K 5% 1/16W	RB5506	1-234-370-21	RES, NETWORK 22	(1005X4)
R7591	1-218-965-11	RES-CHIP	10K 5% 1/16W	RB5507	1-234-370-21	RES, NETWORK 22	(1005X4)
R7592	1-218-965-11	RES-CHIP	10K 5% 1/16W	RB5509	1-234-370-21	RES, NETWORK 22	(1005X4)
R7594	1-216-833-11	METAL CHIP	10K 5% 1/10W	RB5510	1-234-370-21	RES, NETWORK 22	(1005X4)
R7595	1-216-833-11	METAL CHIP	10K 5% 1/10W	RB5511	1-234-370-21	RES, NETWORK 22	(1005X4)
R7596	1-216-809-11	METAL CHIP	100 5% 1/10W	RB5512	1-234-370-21	RES, NETWORK 22	(1005X4)
R7597	1-216-841-11	METAL CHIP	47K 5% 1/10W	< THERMISTOR >			
R7598	1-216-833-11	METAL CHIP	10K 5% 1/10W	TH7400	1-809-350-21	THERMISTOR, NTC (2125)	
R7599	1-218-990-81	SHORT CHIP	0	< VARISTOR >			
R7600	1-216-841-11	METAL CHIP	47K 5% 1/10W	VD5400	1-803-974-21	VARISTOR, CHIP	(1608)
R7601	1-216-809-11	METAL CHIP	100 5% 1/10W	VD5401	1-803-974-21	VARISTOR, CHIP	(1608)
R7602	1-216-845-11	METAL CHIP	100K 5% 1/10W	VD5402	1-803-974-21	VARISTOR, CHIP	(1608)
R7603	1-220-397-11	METAL CHIP	4.7M 5% 1/10W	VD5403	1-803-974-21	VARISTOR, CHIP	(1608)
R7606	1-216-864-11	SHORT CHIP	0	VD5404	1-803-974-21	VARISTOR, CHIP	(1608)
R7607	1-216-864-11	SHORT CHIP	0	< CRYSTAL >			
R7608	1-216-817-11	METAL CHIP	470 5% 1/10W	X1000	1-795-537-21	VIBRATOR, CRYSTAL	
R7612	1-216-833-11	METAL CHIP	10K 5% 1/10W	X1001	1-781-696-31	VIBRATOR, CRYSTAL	
R7613	1-216-833-11	METAL CHIP	10K 5% 1/10W	X5000	1-795-790-11	VIBRATOR, CRYSTAL	
R7614	1-216-864-11	SHORT CHIP	0	< RESISTOR CHIP >			
RB1000	1-234-371-21	RES, NETWORK 47	(1005X4)	RB1005	1-234-371-21	RES, NETWORK 47	(1005X4)
RB1001	1-234-371-21	RES, NETWORK 47	(1005X4)	RB1006	1-234-371-21	RES, NETWORK 47	(1005X4)
RB1002	1-234-372-21	RES, NETWORK 100	(1005X4)	RB1007	1-234-372-21	RES, NETWORK 100	(1005X4)
RB1003	1-234-372-21	RES, NETWORK 100	(1005X4)	RB1008	1-234-377-21	RES, NETWORK 4.7K	(1005X4)
RB1004	1-234-372-21	RES, NETWORK 100	(1005X4)	RB1009	1-234-377-21	RES, NETWORK 4.7K	(1005X4)

**Note :** The components identified by shading and marked  $\Delta$  are critical for safety. Replace only with the part numbers specified in the parts list.

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
<b>MISCELLANEOUS</b>							
	1-826-231-11	SPEAKER					
	1-805-879-11	LCD PANEL					
$\Delta$	1-819-763-11	INLET, AC (WITH NOISE FILTER)					
	8-597-541-00	TUNER, FSS BTP-DC4611Z (KDL-S40A12U/A11E)					
	8-597-993-00	TUNER, FSS BTF-EF412Z					
$\Delta$	1-830-611-21	POWER-SUPPLY CORD (KLV-S40A10E/ KDL-S40A11E)					
$\Delta$	1-830-609-21	POWER-SUPPLY CORD (KDL-S40A12U)					
<b>ACCESSORIES AND CONNECTORS</b>							
	*2-635-218-13	MANUAL, INSTRUCTION (KDL-S40A12U) (ENGLISH)					
	*2-635-384-13	MANUAL, INSTRUCTION (KLV-S40A10E) (ENGLISH/GERMAN/DUTCH/PORTUGUESE/NORWEGIAN)					
	*2-635-384-23	MANUAL, INSTRUCTION (KLV-S40A10E) (FRENCH/ITALIAN/SPANISH/FINNISH)					
	*2-635-384-33	MANUAL, INSTRUCTION (KLV-S40A10E) (SWEDISH/DANISH/GREEK/RUSSIAN/POLISH)					
	*2-655-830-11	MANUAL, INSTRUCTION (KDL-S40A11E) (ENGLISH/GERMAN/FRENCH/SPANISH)					
	*2-655-830-21	MANUAL, INSTRUCTION (KDL-S40A11E) (ITALIAN/SWEDISH/FINNISH/DANISH)					
	X-2102-511-1	BAG ASSY, RUDDER LOCK					
	*1-830-852-12	HARNESS WITH CONNECTOR (LVDS)					
	*1-910-016-15	CONNECTOR ASSY 9P (KDL-S40A12U/A11E)					
	*1-910-016-16	CONNECTOR ASSY 11P (KDL-S40A12U/A11E)					
	*1-910-016-17	CONNECTOR ASSY 8P (KDL-S40A12U/A11E)					
	*1-910-016-18	CONNECTOR ASSY 10P (KDL-S40A12U/A11E)					
	*1-910-016-20	CONNECTOR ASSY 14P (KDL-S40A12U/A11E)					
	*1-910-016-21	CONNECTOR ASSY 15P (KDL-S40A12U/A11E)					
	*1-910-016-39	CONNECTOR ASSY 9P					
	*1-910-016-44	CONNECTOR ASSY 5P					
	*1-910-019-25	CONNECTOR ASSY 14P					
	*1-910-020-01	HARNESS ASSY 4P					
	*1-910-020-02	SPEAKER HARNESS ASSY					
	*1-910-020-04	CONNECTOR ASSY 9/6P					
	*1-910-020-05	CONNECTOR ASSY 14P					
	*1-910-020-06	CONNECTOR ASSY 15P					
	*1-910-020-07	HARNESS ASSY 15P					
	*1-910-020-08	HARNESS ASSY 11P					
	*1-910-021-59	FFC CABLE 49 PINS					
	*1-910-023-30	CONNECTOR ASSY 10P					
	*1-910-023-31	HARNESS ASSY H2					
<b>REMOTE COMMANDER</b>							
	1-479-392-12	REMOTE COMMANDER (RM-ED002) (KDL-S40A12U/A11E)					
	1-479-393-11	REMOTE COMMANDER (RM-EA002) (KLV-S40A10E)					